

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

A 533

# FIELD NOTES

Of the ..... Meridian,

In the State of .....

EXECUTED BY

Under special instructions dated ....., 19....., which provided  
for the surveys included under Group No. ...., approved .....  
and assignment instructions dated ....., 19.....

Survey commenced ....., 19.....

Survey completed ....., 19.....

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

Of the ..... Meridian,

in the State of .....

EXECUTED BY

Under special instructions dated ....., 19....., which provided

for the surveys included under Group No. ...., approved .....

and assignment instructions dated ....., 19.....

Survey commenced ....., 19.....

Survey completed ....., 19.....

8A

# INDEX DIAGRAM

Township 18 South, Range 5 East  
458 457 455 454 453 451

524						
• 547 •	502 •	490 •	480 •	469 •		
523	516	516	501	489	479	468
522	515 •	499 •	488 10	478 11	467 12	
514	513	499	488	477	466	
521 18	512 17	497 16	487 15	476 14	465 13	
511	510	496	486	475	464	
521 19	509 20	495 21	485 22	474 23	463 24	
508	507	495	484	473	463	
520 30	506 29	494 28	483 27	472 26	461 25	
505	504	493	482	471	461	
519 31	503 32	492 33	481 34	470 35	460 36	

C

# FIELD NOTES



OF THE DEPENDENT RESURVEY OF THE  
WEST BOUNDARY OF T. 16 S., R. 6 E.,  
3RD STAN. PAR. S., THROUGH R. 5 E., AND

OF THE WEST BOUNDARY, AND

THE SURVEY OF

THE SUBDIVISIONAL LINES

OF

T. 16 S., R. 5 E.,

Of the Salt Lake Meridian,

in the State of Utah

## EXECUTED BY

Alfred B. Perry, Cadastral Engineer, and Kenneth C. Vincent, Public Land  
Surveyor

Under special instructions dated July 10, 1935, which provided  
for the surveys included under Group No. 266, bearing the approval of the  
Commissioner of the General Land Office under date of August 8, 1935,  
supplemental  
and assignment instructions dated June 12, 1937.

Survey commenced July 27, 1937

Survey completed September 15, 1937



# INDEX DIAGRAM.

Township 23 North Range 5 East

	6	7	8	9
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100

Survey commenced July 27, 1925, from camp at  
and Buff light mountain along trail to  
Ralph Lantry, Redwater, and over the  
mountain along trail to. 1925

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# Page

T. 16 S., R. 5 E.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
29	28	27	26	25	24
31	32	33	34	35	36

— Lines colored in black, were surveyed by Ralph  
entry, Geodetic Engineer.

— Lines colored in red were surveyed by Kenneth  
A. Hight, Public Land Surveyor.

## Chains

Survey commenced July 27, 1937, and executed with Buff and Buff light mountain solar transit No. 8028, used by Ralph Gentry, Cadastral Engineer, and Buff and Buff light mountain solar transit No. 9978, used by Kenneth C. Vincent, Public Land Surveyor. The instruments are property of the General Land Office, and are equipped with the Smith solar attachments and full vertical circles; the horizontal limbs are provided with two double verniers, placed opposite to each other, and read to single minutes of arc, which is also the least count of the verniers of the vertical circles, and of the latitude and declination arcs. The instruments were approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests. The instruments were in good condition at the commencement of this survey, and were tested and found free from any appreciable error.

The directions of the lines were determined by the solar transit method. The measurements were made with Lallie steel tapes, 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a Luikin standard steel tape one chain long, and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained by clinometers in good adjustment; the horizontal equivalents are entered in the field note record.

The geographic position of the southeast corner of the township as determined through ties from public land surveys to Coast & Geodetic Survey triangulation station, South Tent, located in NE  $\frac{1}{4}$  of sec. 33, this township, is approximately as follows:— longitude  $111^{\circ} 18' W.$ ; latitude  $39^{\circ} 23' N.$

August 1, 1937, at camp located near the center of sec. 22, T. 16 S., R. 5 E., in approximate longitude  $111^{\circ} 22' W.$ , and latitude  $39^{\circ} 25' N.$ , at 7h 59.6m a.m., by my watch which carries correct 105th meridian time as determined by radio signals, or 7h 33.9m a.m., l.m.t., I make an hour angle observation on Polaris, west of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a well defined reference point about a half mile north, in the direction N-W to Polaris.

Mean horizontal angle from reference	
point west to Polaris	$0^{\circ} 33' 1-W.$
Azimuth of Polaris	$0^{\circ} 50' W.$
True bearing of reference point	$1.0^{\circ} 17' W.$

In order to verify the latitude of this station, I make a meridian observation of the sun, observing the altitude of the sun's lower limb with the telescope in direct position, reversing the transit and observing the sun's upper limb:—

Apparent time of observation	12h 00m 00s
Mean observed altitude	$68^{\circ} 34'$
Reduced latitude	$39^{\circ} 25' N.$

Every hour from 8 to 10-30 a.m., and from 1-30 to 5 p.m., we make proper settings on the arcs of the solar attachments and ascertain that the resulting orientation of the instruments; when compared with the meridian established by Polaris observations, has a maximum error of less than  $1' 30''$ .

Conditions permitting, the arcs were tested daily by noon observations, and the meridional indications of the solar attachments verified at frequent intervals throughout the survey.

Chains

Reestablishment of surveys executed by Augustus D. Ferron, Deputy Surveyor, in 1872.

This resurvey is a restoration of the original boundary in the original position as adjusted to the identified evidence, and also the establishment of  $\frac{1}{4}$  sec. cors. between closing corners.

The lines of the original survey were retraced, and search made for evidence of the original corner monuments, and other calls of the field notes. When duly identified or restored, the corner positions were remonumented.

The rules of single proportionate measurement were applied in order to ascertain the position of each lost corner. The retracement data were submitted for office examination and verification. In order to simplify the record, the true line notes only are supplied here, which refer to the completed resurvey.

From the standard cor. of Tps. 15 S., Rs. 4 and 5 E., which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official records.

N. 89° 24' E., along the S. bdy. of sec. 31.

Ascend NW. slope, over mountainous land, through medium dense oak brush.

4.00 Enter medium dense spruce, and fir timber, and scattered oak brush, bears N. and S.

21.00 Enter scattered timber, and medium dense oak and choke cherry brush, bears N. and S.

31.40 Westing of 40.00 chs. from the closing cor. of secs. 5 and 6.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 6 only, with brass cap marked

$\frac{1}{4}$  S 6

1937

from which

A limber pine, 6 ins. diam., bears S. 1° 30' E., 38 lks. dist., marked  $\frac{1}{4}$ S6BT.

A limber pine, 6 ins. diam., bears S. 78° 30' W., 61 lks. dist., marked  $\frac{1}{4}$ S6BT.

38.54 Proportionate distance; no evidence of  $\frac{1}{4}$  sec. cor. found.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

S C

$\frac{1}{4}$  S 31

1937

from which

A limber pine, 6 ins. diam., bears N. 19° E., 28 lks. dist., marked  $\frac{1}{4}$ S31SCBT

A limber pine, 8 ins. diam., bears N. 48° 30' W., 64 lks. diam., marked  $\frac{1}{4}$ S31SCBT.

Cor. stands on NW. slope, 470 ft. above standard Tp. cor.

## DEPENDENT RESURVEY OF 3RD STAN. PAR. S., S. BDY. T.15 S., R.5 E.

## Chains

- 49.00 Enter medium dense spruce, fir, and aspen timber, and scattered brush, bears NW. and SE.
- 56.50 Spur, 360 ft. above standard  $\frac{1}{4}$  sec. cor., slopes N.; descend NE. slope, entering scattered timber.
- 62.00 Enter medium dense aspen, and scattered spruce and fir timber, bears N. and S.
- 71.40 The closing cor. of secs. 5 and 6, hereinafter described.
- 77.08 Proportionate distance; no evidence of the standard sec. cor. found.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for standard cor. of secs. 31 and 32, with brass cap marked

SC	
T15S	R5E
S31	S32

1937

from which

A balsam, 6 ins. diam., bears N.78° 45'E., 28 lks. dist., marked T15SR5ES32SCBT.

A balsam, 6 ins. diam., bears N.32° 15'W., 79 lks. dist., marked T15SR5ES31SCBT.

Cor. stands on NE. slope, 360 ft. below spur.

Land, mountainous; NW. exposure and drainage. Soil, dark rich mountain loam; rocky; 2nd rate. Timber, spruce, balsam, and aspen on portions of mile; a few scattered limber pine. Undergrowth, oak and choke cherry; medium growth of weeds and grass. Good grazing land.

N. 89° 24' E., along S. bdy. of sec. 32.

Descend NE. slope, over mountainous land, through medium dense spruce, fir, and aspen timber, and scattered undergrowth.

- 2.50 Draw, 70 ft. below standard sec. cor., course N.30°W.; ascend NW. slope, entering scattered timber.
- 3.00 Small stream of clear water, course N.35°W.
- 3.30 Old road, bears N.30°W., and S.30°E.
- 10.40 Small stream of water, course NW.; ascent becomes more abrupt.
- 29.00 Trail, bears N.30°E., and S.30°W.; enter medium dense aspen and scattered spruce and fir timber.
- 34.24 Mean distance between the closing cor. of secs. 5 and 6, and the closing cor. of secs. 4 and 5.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 5 only, with brass cap marked.

Chains

 $\frac{1}{4}$  S 5

1937

from which

An aspen, 8 ins. diam., bears S.  $10^{\circ}$  E., 6 lks.  
dist., marked  $\frac{1}{4}$  S5BT.

An aspen, 10 ins. diam., bears S.  $61^{\circ}$  W., 48 lks.  
dist., marked  $\frac{1}{4}$  S5BT.

38.54 Proportionate distance; no evidence of the standard  $\frac{1}{4}$   
sec. cor. found.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

 $\frac{1}{4}$  S C  
S 32

1937

from which

An aspen, 8 ins. diam., bears N.  $55^{\circ}$  15' E., 65 lks.  
dist., marked  $\frac{1}{4}$  S32SCBT.

An aspen, 10 ins. diam., bears N.  $14^{\circ}$  E., 37 lks.  
dist., marked  $\frac{1}{4}$  S32SCBT.

Cor. stands on NW. slope, 460 ft. above draw.

62.00 Enter medium dense spruce, fir, and scattered aspen  
timber, bears N. and S.

74.15 The closing cor. of secs. 4 and 5, hereinafter described.

77.08 On NW. slope, 470 ft. above standard  $\frac{1}{4}$  sec. cor.

The standard cor. of secs. 32 and 33, which is a sand-  
stone, 18 x 14 x 6 ins., firmly set, and marked 1 notch  
on W., and 5 notches on E. edge.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, with the marked stone monument deposited at  
base, for the standard cor. of secs. 32 and 33, with brass  
cap marked

SC	
T15S	R5E
S32	S33

1937

from which

A balsam, 12 ins. diam., bears N.  $16^{\circ}$  15' E., 48 lks.  
dist., marked T15SR5ES33SCBT.

A balsam, 10 ins. diam., bears N.  $57^{\circ}$  30' W., 21 lks.  
dist., marked T15SR5ES32SCBT.

Land, mountainous; NW. exposure and drainage.  
Soil, dark rich, rocky, mountain loam; 2nd rate.  
Timber, spruce, **fir**, and aspen.  
Undergrowth, scattered choke cherry, sagebrush, and maple  
medium growth of weeds and grass. Good grazing land.

## DEPENDENT RESURVEY OF 3RD STAN. PAR. S., S. BDY., T. 15 S., R. 5 E.

Chains	
0.00	N. 89° 27' E., along S. bdy. of sec. 33. Ascend NW. slope, over mountainous land, through medium dense aspen, and scattered spruce and fir timber and scattered undergrowth.
1.50	Spur, 20 ft. above standard sec. cor., slopes N; descend NE. slope.
14.00	Draw, 370 ft. below spur, course N. 30° W.; ascend W. slope.
23.50	Spur, 50 ft. above draw, slopes NW.; old road on spur, bears NW. and SE.; descend NE. slope.
32.00	Draw, 80 ft. below spur, course NW.; ascend W. slope.
34.00	Point of spur, 60 ft. above draw, slopes NW.; descend NE. slope.
36.88	Mean distance between the closing cor. of secs. 4 and 5, and the closing cor. of secs. 3 and 4.  Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 4 only, with brass cap marked  $\frac{1}{4}$ S 4  1937 from which  A spruce, 18 ins. diam., bears S. 52° 15' E., 33 lks. dist., marked $\frac{1}{4}$ S 4 BT.  A spruce, 18 ins. diam., bears S. 11° 30' W., 31 lks. dist., marked $\frac{1}{4}$ S 4 BT.
37.25	Cedar Creek, a stream of clear water, 10 lks. wide, in draw, 60 ft. below spur, course N. 60° W.; ascend SW. slope
39.34	The standard $\frac{1}{4}$ sec. cor., which is a sandstone, 10 x 10 x 8 ins., marked $\frac{1}{4}$ on N. face, firmly set and unwitnessed.  At point for cor.  Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with marked stone monument deposited at base, for standard $\frac{1}{4}$ sec. cor., with brass cap marked  S C $\frac{1}{4}$ S 33  1937 from which  A Douglas fir, 24 ins. diam., bears N. 67° 15' E., 167 lks. dist., marked $\frac{1}{4}$ S 33 SCBT.  A Douglas fir, 18 ins. diam., bears N. 31° W., 15 lks. dist., marked $\frac{1}{4}$ S 33 SCBT. Cor. stands on SW. slope, 15 ft. above draw. Theice, N. 89° 12' E., with continuous measurement.
70.00	Enter scattered timber, bears NW. and SW.
76.69	The closing cor. of secs. 3 and 4, hereinafter described.
78.01	Proportionate distance; no evidence of the standard cor. of secs. 33 and 34 found.



Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, for standard cor. of secs. 33 and 34, with brass cap marked

SO  
T15S R5E  
S33 S34

1937

An aspen, 6 ins. diam., bears N. 11° 30' E., 148 lks. dist., marked T15SR5ES34SCBT.

An aspen, 10 ins. diam., bears N. 20° W., 218 lks. dist., marked T15SR5ES33SCBT.

Cor. stands on SW. slope 620 ft. above standard  $\frac{1}{4}$  sec.

Land, mountainous; NW. drainage.

Soil, dark rich mountain loam; rocky; 2nd rate.

Timber, aspen and scattered spruce, balsam, Douglas fir.

Undergrowth, scattered choke cherry, sagebrush, and willow.

Medium growth of weeds and grass. Good grazing land.

N. 89° 12' E., along S. bdy. of sec. 34.

Ascend SW. slope, over mountainous land, through scattered aspen, spruce, and fir timber, and scattered undergrowth.

37.00 Spur, 600 ft. above standard sec. cor., projects N. 60° W., thence along N. slope.

48.61 Mean distance between the closing cor. of secs. 3 and 4, and the closing cor. of secs. 2 and 3.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 3 only, with brass cap marked

$\frac{1}{4}$  S 3

1937

from which

A balsam, 15 ins. diam., bears S. 56° E., 256 lks. dist., marked T15SR5ES33SCBT.

A balsam, 10 ins. diam., bears S. 86° 45' W., 324 lks. dist., marked T15SR5ES33SCBT.

38.67 Proportionate distance; no evidence of standard  $\frac{1}{4}$  sec. cor. found.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

S 3

1937

from which

A balsam, 14 ins. diam., bears N. 69° 30' E., 174 lks. dist., marked T15SR5ES33SCBT.

## DEPENDENT RESURVEY OF 3RD STAN. PAR. 18. S. BDY. of T.15 S., R.5 E.

## Chains

A balsam, 6 ins. diam., bears N.23° 45'E., 149 lks. dist., marked  $\frac{1}{2}$ S34SCBT.

Cor. stands on N. slope, 20 ft. below spur.

39.00 Enter medium dense spruce and fir timber, bears N. and S.

37.00 Enter scattered timber, bears N. and S.

49.00 Descend NE. slope.

71.00 Enter dense spruce and fir timber, bears N. and S.

77.34 The standard cor. of secs. 34 and 35, which is a sandstone, 12 x 8 x 8 ins., marked 4 notches on W., and 2 notches on E. edge, firmly set, from which

A Douglas fir, 18 ins. diam., bears N.26° W., 30 lks. dist., marked T15SR5ES34BT.

A spruce, 12 ins. diam., bears N.70° 30'E., 32 lks. dist., marked T15SR5ES35BT.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the marked stone deposited at base, for standard cor. of secs. 34 and 35, with brass cap marked

SC	
T15S	R5E
S34	S35

1937

from which

New bearing trees.

A spruce, 12 ins. diam., bears N.72° 30'E., 45 lks. dist., marked T15SR5ES35SCBT.

A spruce, 8 ins. diam., bears N.56° W., 18 lks. dist., marked T15SR5ES34SCBT.

Cor. stands on NE. slope, 540 ft. below standard  $\frac{1}{4}$  sec. cor.

Land, mountainous; NW. drainage.

Soil, dark rich mountain loam, rocky; 2nd rate.

Timber, spruce, balsam, Douglas fir, and aspen on portions of mile.

Undergrowth, scattered choke cherry, deer browse, and sagebrush; medium growth of weeds and grass.

Good grazing land.

N. 89° 43' E., along S. bdy. of sec. 35.

Descend NE. slope over mountainous land, through dense spruce and fir timber, and scattered undergrowth.

1.20 The closing cor. of secs. 2 and 3, hereinafter described.

4.10 Stream of water, 5 lks. wide, in draw, 50 ft. below standard sec. cor., course N.10°W.; ascend abrupt W. slope.

9.50 Top of ascent, 140 ft. above draw, slopes N.; descend along N. slope.

## DEPENDENT RESURVEY OF 3RD STAN. PAR. S., S. E. of T. 18 S., R. 35 E.

## Chains

- 25.00 Foot of descent, 25 ft. below top of ascent, drains N.; ascend NW. slope.
- 32.00 Top of ascent, 90 ft. above foot of descent, slopes NW descend NE. slope.
- 34.30 Creek, stream of water, 10 lks. wide, in bottom of canyon, 45 ft. below top of ascent, course N. 60° W.; ascend SW. slope.
- 39.91 On SW. slope, 120 ft. above canyon.
- The standard  $\frac{1}{4}$  sec. cor., which is a sandstone, 12 x 10 x 8 ins., firmly set, and marked  $\frac{1}{4}$  on N. face. Cor. is not witnessed.
- At point for cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with marked stone deposited at base, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked
- SC  
 $\frac{1}{4}$  S 35  
—  
1937
- from which
- A spruce, 14 ins. diam., bears N. 15° E., 233 lks. dist., marked  $\frac{1}{4}$  S35SCBT.
- A spruce, 30 ins. diam., bears N. 6° 45' W., 233 lks. dist., marked  $\frac{1}{4}$  S35SCBT.
- 41.01 Thence, N. 89° 57' E., with continuous measurement. Mean distance between the closing cor. of secs. 2 and 3, and the closing cor. of secs. 1 and 2.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 2 only, with brass cap marked
- $\frac{1}{4}$  S 2  
—  
1937
- from which
- A spruce, 24 ins. diam., bears S. 32° 15' E., 212 lks. dist., marked  $\frac{1}{4}$  S2BT.
- A balsam, 18 ins. diam., bears S. 52° 45' W., 155 lks. dist., marked  $\frac{1}{4}$  S2BT.
- 45.00 Ascend abrupt W. slope.
- 75.00 Leave timber, bears N. and S.
- 76.60 Road, known as Skyline Drive, bears N. and S.
- 78.50 Ridge, and main divide, 970 ft. above standard  $\frac{1}{4}$  sec. cor. bears N. and S.; descend E. slope.
- 79.74 On gentle E. slope, 25 ft. below top of ridge.
- The standard cor. of secs. 35 and 36, which is a sandstone 12 x 8 x 5 ins., marked with 5 notches on W., and 1 notch on E. edge, firmly set in old mound of stone.
- At point for cor.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

DEPENDENT RESURVEY OF 3RD STAN. PAR. S., S. BDY OF T.15 S., R.5 E.

Chains

the ground, with marked stone monument deposited at base, for standard cor. of secs. 35 and 36, with brass cap marked

SC	
T15S	R5E
S35	S36

1937

raise a mound

of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high N. of cor.

Land, mountainous; steep slopes.

Soil, dark rich mountain loam; rocky; 2nd rate.

Timber, spruce, Douglas fir, balsam, and a few scattered aspen on portion of mile.

Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass.

Good grazing land.

East, along S. bdy. of sec. 36.

Descend abrupt E. slope over mountainous land, through scattered undergrowth.

1.08 The closing cor. of secs. 1 and 2, hereinafter described.

1.70 Canal, 15 lks. wide, 4 ft. deep, course S.  $10^{\circ}$  W.

14.00 Foot of abrupt descent, 450 ft. below standard sec. cor., bears N. and S.; descend over gentle NE. slope.

31.00 Stream of water; 10 lks. wide, in draw, 540 ft. below standard sec. cor., course NE.; thence along gentle N. slope.

36.00 Enter medium dense spruce, fir, and scattered aspen timber, bears N. and S.; descend gentle NE. slope.

39.85 The standard  $\frac{1}{4}$  sec. cor., which is a sandstone, 16 x 8 x 8 ins., firmly set, marked  $\frac{1}{4}$  on N. face, from which

A balsam, 12 ins. diam., bears N.  $58^{\circ}$  E., 12 lks. dist., marked  $\frac{1}{4}$  S36BT.

A balsam, 10 ins. diam., bears S.  $27^{\circ}$  E., 41 lks. dist., marked  $\frac{1}{4}$  S1BT.

I destroy the marks on tree in sec. 1, and

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with marked stone monument deposited at base, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

SC	
$\frac{1}{4}$ S	S36

1937

from which

New bearing trees.

A spruce, 12 ins. diam., bears N.  $76^{\circ}$  E., 78 lks. dist., marked  $\frac{1}{4}$  S36SCBT.

A spruce, 12 ins. diam., bears N.  $62^{\circ}$  30' W., 91 lks.

Chains

entered

dist., marked S36SCBT.

Thence

S. 89° 57' E., with continuous measurement.

- 41.13 Mean distance between the closing cor. of secs. 1 and 2, and the standard closing cor. of Tps. 15 and 16 S., Rs. 5 E., hereinafter described.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 1 only, with brass cap marked

$$\frac{1}{4} \quad \text{S 1}$$

1937

from which

A spruce, 20 ins. diam., bears S. 70° 45' E., 55 lks. dist., marked S1BT.

A balsam, 18 ins. diam., bears S. 10° 45' W., 71 lks. dist., marked S1BT.

- 75.61 The closing cor. of Tps. 15 S., Rs. 5 and 6 E., which is a sandstone, 18 x 12 x 4 ins., firmly set, and marked CC and 6 notches on N., and 6 notches on E. and W. edges, from which

A spruce, 14 ins. diam., bears N. 45° 30' E., 60 lks. dist., marked T15SR6ES31BT.

A spruce, 10 ins. diam., bears N. 43° 30' W., 146 lks. dist., marked T15SR5ES36BT.

At point for cor.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with marked stone monument deposited at base, for standard closing cor. of Tps. 15 S., Rs. 5 and 6 E., with brass cap marked

$$\begin{array}{c} \text{SC} \\ \text{CC} \\ \text{T15S} \\ \text{R5E} \mid \text{R6E} \\ \text{S36} \mid \text{S31} \\ \hline \text{S 1} \\ \text{T16SR5E} \end{array}$$

1937

- 81.15 The standard closing cor. of T. 15 S., R. 6 E., and T. 16 S., R. 5 E., which is a spruce, 16 ins. diam., blazed on N., S., E., and W. face, 6 notches on S., and CC on N. face, from which

A balsam, 10 ins. diam., bears S. 10 W., 35 lks. dist., marked T16SR5ES1BT.

As this cor. is not at point of intersection with the E. bdy. of T. 16 S., R. 6 E., I mark the tree monument and bearing tree WP for witness point.

- 81.16 Intersect the E. bdy. of T. 16 S., R. 6 E., S. 0° 03' W. 18.89 chs. dist. from the NW. cor. of T. 16 S., R. 6 E., hereinafter described.

## DEPENDENT RESURVEY OF 3RD STAMP PARTIAL, N. Bdy. ST. T. 15 S., R. 5 E.

## Chains

At point of intersection

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for standard closing cor. of T. 15 S., R. 6 E., and of T. 16 S., R. 5 E., with brass cap marked

	SC
T15S	
R6E	
S31	T16S
CC	R6E
S 1	S 6
T16S	
R5E	

1937

from which

A balsam, 10 ins. diam., bears S. 12° W., 35 lks. dist., marked T16SR5ES1SCCCBT.

A balsam, 12 ins. diam., bears N. 10° 30' W., 50 lks. dist., marked T15SR6ES31SCCCBT.

Cor. stands on gentle NE. slope, 310 ft. below standard  $\frac{1}{4}$  sec. cor.

Land, mountainous.

Soil, dark rich rocky mountain loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and scattered aspen on portion of mile.

Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass.

Good grazing land.

## DEPENDENT RESURVEY OF WEST BOUNDARY, T. 16 S., R. 6 E.

Reestablishment of surveys executed by James C. Dick, Deputy Surveyor, in 1900.

This resurvey is a restoration of the original boundary in the original position as adjusted to the identified evidence, and also the establishment of cors. for T. 16 S., R. 5 E. only, on N. 4 miles.

The lines of the original survey were retraced, and all the corners found and identified, except the NW. cor. of T. 16 S., R. 6 E., which was restored at record distances from the  $\frac{1}{4}$  sec. cor. between secs. 1 and 6, and the  $\frac{1}{4}$  sec. cor. between secs. 31 and 6, N. bdy. of T. 16 S., R. 6 E. The retracement data were submitted for office examination and verification. In order to simplify the record, the true line notes only are supplied here, which refer to the completed resurvey.

From the cor. of Tps. 16 and 17 S., Rs. 5 and 6 E., which is an iron post, 3 ins. diam., as described in the field notes of the survey of T. 17 S., R. 5 E., this group.

N. 0° 28' W., between secs. 31 and 36.

Along E. slope, over mountainous land, through medium dense spruce and fir, and scattered aspen timber and scattered undergrowth.

22.00 Point of spur, 50 ft. below Tp. cor., slopes NE.; descend N. slope.

39.77 The  $\frac{1}{4}$  sec. cor., which is a sandstone, 12x8x6 ins.,

242.8 . . . 31. DEPENDENT RESURVEY OF WEST BOUNDARY, T.16 S., R.10 E., S.1

Chains

anland3

firmly set and marked  $\frac{1}{4}$  on W. face. No evidence of bearings found.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with marked stone monument deposited at base, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A spruce, 18 ins. diam., bears N. 89° E., 54 lks. dist., marked  $\frac{1}{4}$  S 31BT.

A spruce, 10 ins. diam., bears S. 89° 45' W., 14 lks. dist., marked  $\frac{1}{4}$  S 36BT.

This cor. stands on N. slope, 400 ft. below point of spur. Thence N. 0° 02'E., with continuous measurement.

52.20 Stream of water, 15 lks. wide, in Black Canyon, 370 ft. below  $\frac{1}{4}$  sec. cor., course SE.; ascend steep S. slope, entering scattered timber.

57.00 Enter medium dense aspen, and scattered spruce and fir timber, bears NW. and SE.

67.80 Trail, bears NW. and SE.

79.90 On S. slope, 580 ft. above canyon, and near top of spur.

The cor. of secs. 25, 30, 31, and 36, which is a sandstone, 18x10x10 ins., firmly set and marked 1 notch on S., and 5 notches on N. edge, from which

An aspen, 5 ins. diam., bears N. 69° E., 14 lks. dist., marked T16SR6ES30BT.

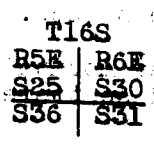
An aspen, 6 ins. diam., bears S. 50° E., 14 lks. dist., marked T16SR6ES31BT.

An aspen, 8 ins. diam., bears S. 52° W., 37 lks. dist., marked T16 SR5ES36BT.

An aspen, 7 ins. diam., bears N. 48° W., 15 lks. dist., marked T16SR5ES25BT.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with marked stone monument deposited at base, for cor. of secs. 25, 30, 31, and 36, with brass cap marked



1937

Land, mountainous; steep slopes of canyon. Soil, dark rich mountain loam; rocky; 2nd rate. Timber, spruce, Douglas fir, balsam, and aspen on portions of mile.

DEPENDENT RESURVEY OF ~~NEST~~ BOUNDARY, T. 16 S., R. 6 E.

Against	Undergrowth, scattered choke cherry, deer browse, and sagebrush; medium growth of weeds and grass. Good grazing land.
	N. 0° 08' W., between secs. 25 and 30.
Ascend	Ascend S. slope, over mountainous land, through medium dense aspen and scattered spruce and fir timber and scattered undergrowth.
21.00	Point of spur, 25 ft. above sec. cor., slopes S. 20° W.; ascend over rolling SW. slope.
20.00	Enter medium dense spruce and fir, and scattered aspen timber, bears E. and W.
30.00	Enter scattered timber; trail, bears N. 70° W., and S. 70° E.
35.00	Top of ascent on side of spur, 660 ft. above sec. cor., slopes S. 60° W.; descend NW. slope, entering medium dense aspen timber.
39.86	The $\frac{1}{4}$ sec. cor., which is a sandstone, 12 x 12 x 4 ins., firmly set and marked $\frac{1}{4}$ on W. face, from which  An aspen, 12 ins. diam., bears S. 67° 45' E., 25 lks. dist., marked $\frac{1}{4}$ S30BT.  An aspen, 12 ins. diam., bears N. 62° W., 19 lks. dist., marked $\frac{1}{4}$ S25BT.  At point for cor.  Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with marked stone monument deposited at base, for $\frac{1}{4}$ sec. cor., with brass cap marked  $\frac{1}{4}$ S25   S30 1937  Thence  N. 0° 09' E., with continuous measurement.
40.70	Trail, bears NE. and SW.; enter medium dense spruce and fir timber.
52.00	Trail, bears NW. and SE.
69.00	Head of draw, 40 ft. below $\frac{1}{4}$ sec. cor., course S. 30° W.; ascend steep S. slope, entering scattered spruce, fir, and aspen timber.
79.88	The cor. of secs. 19, 24, 25, and 30, which is a sandstone, 16 x 14 x 4 ins., marked 2 notches on S., and 4 notches on N. edge, from which  An aspen, 7 ins. diam., bears S. 41° 15' E., 47 lks. dist., marked T16SR6ES30BT.  An aspen, 7 ins. diam., bears N. 60° 30' W., 51 lks. dist., marked T16SR5ES24BT.  At point for cor.



## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with marked stone monument deposited at base, for cor. of secs. 19, 24, 25, and 30, with brass cap marked

T16S	
R5E	R6E
<u>S24</u>	<u>S19</u>
S25	S30

1937

from which

New bearing tree

An aspen, 7 ins. diam., bears S. 41° 30' E., 46 lks. dist., marked T16SR5ES25BT.

No suitable bearing tree available in sec. 19.

Cor. stands on S. slope, 230 ft. above head of draw.

Land, mountainous.

Soil, dark rich mountain loam; rocky; 2nd rate.

Timber, spruce, balsam, Douglas fir, and aspen on portions of mile.

Undergrowth, scattered sericea berry, choke cherry, deer browse, and sagebrush; medium growth of weeds and grass.

Good grazing land.

N. 0° 34' E., between secs. 19 and 24.

Ascend S. slope, over mountainous land, through scattered aspen timber, and scattered undergrowth.

16.40 Ridge, 400 ft. above sec. cor., bears N. and SE.; descend NE. slope, entering medium dense spruce, fir, and scattered aspen timber.

20.70 Trail, bears N. and SE.

32.00 Enter scattered timber.

39.73 The  $\frac{1}{4}$  sec. cor., which is sandstone boulder,  $1\frac{1}{2}$  x  $1\frac{1}{2}$  x 1 ft., above ground, marked  $\frac{1}{4}$  X on top, from which

A balsam, 8 ins. diam., bears S. 76° E., 3 lks. dist. marked  $\frac{1}{4}$  S19BT.

As this cor. now becomes  $\frac{1}{4}$  sec. cor. of sec. 19 only,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, along N. side of boulder, for  $\frac{1}{4}$  sec. cor. of sec. 19 only, with brass cap marked

 $\frac{1}{4}$ 

S19

1937

from which

New bearing tree.

A balsam, 8 ins. diam., bears N. 20° 30' E., 16 lks. dist., marked  $\frac{1}{4}$  S 19 B T.

Cor. stands on NE. slope, 175 ft. below ridge.

Thence

N. 0° 41' E., with continuous measurement.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 16 S., R. 6 E.

Chains

40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of secs. 24 only, with brass cap marked

S24

1937

from which

A balsam, 12 ins. diam., bears S. 79° W., 12 lks. dist., marked  $\frac{1}{4}$  S 24 BT.

A balsam, 12 ins. diam., bears N. 9° 15' W., 43 lks. dist., marked  $\frac{1}{4}$  S24BT.

46.50

Head of draw, 75 ft. below  $\frac{1}{4}$  sec. cor. of sec. 19, course E.; ascend SE. slope.

51.00

Small stream of water, course E.

62.10

Trail, bears NE. and SW.

65.00

Spur, 275 ft. above draw, projects E.; thence over rolling top.

79.31

The cor. of secs. 13, 18, 19, and 24, which is a sandstone, 14 x 12 x 4 ins., marked 3 notches on N. and S. edges, and witnessed by one bearing tree.

This cor. now becomes the cor. of secs. 18 and 19 only.

At cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and in mound of stone to top, with marked stone monument deposited at base, for cor. of secs. 18 and 19 only, with brass cap marked.

T16S	T16S
R5E	S18
S24	S19
	R6E

1937

from which

Old bearing tree

A spruce, 12 ins. diam., bears N. 64° E., 4 lks. dist., marked T16SR6ES18BT.

New bearing tree

A balsam, 8 ins. diam., bears S. 40° 45' E., 24 lks. dist., marked T16SR6ES19BT.

Land, mountainous.

Soil, dark rich mountain loam; rocky; 2nd rate.

Timber, spruce, balsam, Douglas fir and aspen.

Undergrowth, scattered sagebrush, service berry, and choke cherry; medium growth of weeds and grass.

Good grazing land.

N. 0° 05' E., along W. bdy. of sec. 18.

Over rolling top of spur, through medium dense spruce and fir timber, and scattered undergrowth.

Chains

0.69

Northing of 80.00 chs. from the cor. of secs. 19, 24, 25 and 30.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13 and 24 only, with brass cap marked

T16S	T16S
S13	R6E
S24	S18
R5E	

1937

from which

A spruce, 12 ins. diam., bears S.21° 30'W., 43 lks. dist., marked T16SR5ES24BT.

A spruce, 18 ins. diam., bears N.35° 15'W., 18 lks. dist., marked T16SR5ES13BT.

3.90

Trail, bears NE. and SW.

5.00

Descend NE. slope, bears E. and W.

10.30

Small stream of water, 4 lks. wide, course N.30°E.

26.80

Stream of water, 5 lks. wide, course E.

31.00

Head of Mill Canyon, 350 ft. below sec. cor. of secs. 18 and 19, course E.; ascend gradual SE. slope.

39.50

Stream of water, 3 lks. wide, course S.60°E.

40.01

On NE. slope, 30 ft. above head of Mill Canyon.

The  $\frac{1}{4}$  sec. cor., which is a sandstone, 16 x 12 x 4 ins., firmly set, marked  $\frac{1}{4}$  on W. face, and witnessed by two bearing trees.

This cor. now becomes the  $\frac{1}{4}$  sec. cor. of sec. 18 only. I destroy the marks on tree in sec. 13, and

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with marked stone monument deposited at base, for  $\frac{1}{4}$  sec. cor. of sec. 18 only, with brass cap marked

$\frac{1}{4}$	S18
---------------	-----

1937

from which

Old bearing tree

A Douglas fir, 14 ins. diam., bears N.87° E., 26 lks. dist., marked  $\frac{1}{4}$ S18BT.

New bearing tree.

An aspen, 8 ins. diam., bears N.29° 15'E., 108 lks. dist., marked  $\frac{1}{4}$ S18BT.

Thence

N. 0° 08'W., with continuous measurement.

40.69

Northing of 40.00 chs. from cor. of secs. 13 and 24.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

## DEPENDENT RESURVEY OF WEST BOUNDARY, T.16 S., R. 6 E.

## Chains

the ground, for  $\frac{1}{4}$  sec. cor. of sec. 13 only, with brass cap marked

$\frac{1}{4}$   
 S13

1937

from which

An aspen, 8 ins. diam., bears S. 55° 45' W., 68 lks.  
dist., marked  $\frac{1}{4}$  S13BT.

An aspen, 6 ins. diam., bears N. 60° W., 72 lks.  
dist., marked  $\frac{1}{4}$  S13BT.

61.00 Spur, 230 ft. above  $\frac{1}{4}$  sec. cor. of sec. 18, projects E.; descend steep N. slope.

63.00 Enter medium dense spruce and fir timber, bears E. and W.

79.92 The cor. of secs. 7, 12, 13, and 18, which is a sandstone, 16 x 10 x 8 ins., marked 2 notches on N., and 4 notches on S. edge, and witnessed by 4 bearing trees.

This cor. now becomes the cor. of secs. 7 and 18 only. I destroy the marks on the bearing trees pertaining to R. 5 E., and

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with marked stone monument deposited at base, for cor. of secs. 7 and 18 only, with brass cap marked

T16S	T16S
R5E	S 7
S13	S18
	R6E

1937

from which

Old bearing trees

A spruce, 14 ins. diam., bears S. 39° E., 8 lks.  
dist., marked T16SR6LS7BT.

A spruce, 16 ins. diam., bears S. 40° E., 17 lks.  
dist., marked T16SR6ES18BT.

Cor. stands on steep N. slope, 460 ft. below spur.

Land, mountainous.

Soil, dark rich mountain loam; rocky; 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered sagebrush, service berry, and choke cherry; medium growth of weeds and grass.

Good grazing land.

N. 0° 07' E., along W. bdy. of sec. 7.

Descend steep N. slope, over mountainous land, through medium dense spruce, fir, and scattered aspen timber, and scattered undergrowth.

0.77 Northing of 80.00 chs. from cor. of secs. 13 and 24.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

entered

Chains

the ground, for cor. of secs. 12 and 13 only, with brass cap marked

T16S	T16S
S12	R6E
S13	S 7
R5E	

1937

from which

A spruce, 24 ins. diam., bears S. 84° W., 79 lks. dist., marked T16SR5ES13BT.

A spruce, 18 ins. diam., bears N. 23° W., 48 lks. dist., marked T16SR5ES12BT.

15.90 Stream of water, 10 lks. wide, in Bulger Canyon, 380 ft. below cor. of secs. 7 and 18, course S. 70° E.; ascend S. slope, leaving timber.

19.00 Enter scattered aspen timber.

39.85 As the true point for  $\frac{1}{4}$  sec. cor. located by bearing trees falls in small stream of water, and also the point for  $\frac{1}{4}$  sec. cor. of sec. 12; at this point Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to  $\frac{1}{4}$  sec. cor. of sec. 7 and the  $\frac{1}{4}$  sec. cor. of sec. 12, with brass cap marked

WC	
$\frac{1}{4}$	
S12	S 7

1937

from which

An aspen, 6 ins. diam., bears N. 56° E., 37 lks. dist., marked WC $\frac{1}{4}$ S7BT.

An aspen, 10 ins. diam., bears S. 81° 45' W., 52 lks. dist., marked WC $\frac{1}{4}$ S12BT.

40.00 True point for  $\frac{1}{4}$  sec. cor., as determined from bearing trees, as follows:-

An aspen, 10 ins. diam., bears S. 67° W., 55 lks. dist., marked  $\frac{1}{4}$ S12BT.

An aspen, 7 ins. diam., bears N. 80° E., 31 lks. dist., marked  $\frac{1}{4}$ S7BT.

This point falls in small stream of water, 4 lks. wide, course S. 20° W., from N., on S. slope, 560 ft. above canyon.

No evidence of the original cor. monument found.

Thence

N. 0° 03' W., with continuous measurement.

Along small stream of water,

40.77 Northing of 40.00 chs. from the cor. of secs. 12 and 13, in small stream of water, course S., from N. 10° E. Impracticable to set cor. monument.

53.40 Trail, bears E. and W.

60.00 Spur, 460 ft. above witness cor. to  $\frac{1}{4}$  sec. cor., project S. 70° E.; descend steep N. slope, entering medium dense

## DEPENDENT RESURVEY OF WEST BOUNDARY, T. 16 S., R. 6 E.

Chains

spruce and fir timber.

79.76

The cor. of secs. 1, 6, 7, and 12, which is a sandstone, 15 x 13 x 5 ins., marked 1 notch on N., and 5 notches on S. edge, firmly set and witnessed by four bearing trees.

This cor. now becomes the cor. of secs. 6 and 7 only. I destroy the marks on bearing trees pertaining to R. 5 E., and

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with marked stone monument deposited at base, for cor. of secs. 6 and 7 only, with brass cap marked

	T16S	
T16S	S 6	
R5E	S 7	
S12	R6E	

1937

from which

Old bearing trees:

A spruce, 30 ins. diam., bears N. 16° E., 39 lvs. dist., marked T16SR6ES6BT.

A spruce, 20 ins. diam., bears S. 61° E., 21 lvs. dist., marked T16SR6ES7BT.

Cor. stands on steep N. slope, 500 ft. below spur.

Land, mountainous. E. exposure

Soil, dark rich rocky mountain loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered saskbrush, choke cherry, and service berry; medium growth of weeds and grass.

Good grazing land.

N. 0° 06'E., along W. bdy. of sec. 6.

Descend steep N. slope, over mountainous land, through medium dense spruce, and fir timber, and scattered undergrowth.

1.01

Heath of 80.00 chs. from cor. of secs. 12 and 13.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1 and 12 only, with brass cap marked

T16S		T16S
S 1		R6E
S12		S 6
R5E		

1937

from which

A balsam, 8 ins. diam., bears S. 62° 15' W., 65 lvs. dist., marked T16SR5ES12BT.

A spruce, 20 ins. diam., bears N. 63° 30' W., 32 lvs. dist., marked T16SR5ES1BT.

10.00

Small stream of water, course N, 60° E.

16.20

Small stream of water, in draw 270 ft. below sec. cor.,

Chairs	Notes	Refer to
	course N.70°E.; ascend S.E. slope.	
18.00	Top of ascent, 30 ft. above draw, slopes E.; descend E. slope.	
24.30	Stream of water, 5 lks. wide, in Brown's Canyon, 40 ft. below top of ascent, course E.; ascend steep S. slope, leaving timber.	
29.00	Enter scattered aspen timber.	
39.00	Enter scattered spruce and fir timber.	
40.15	The $\frac{1}{4}$ sec. cor., which is a sandstone, 10 x 10 x 6 ins., firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by two bearing trees.	
	This cor. now becomes the $\frac{1}{4}$ sec. cor. of sec. 6 only. I destroy the marks on the bearing tree in sec. 1, and	
	At point for cor.	
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in mound of stone to top, with marked stone monument deposited at base, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap marked	
	$\frac{1}{4}$   S 6	
	1937	from which
	Old bearing tree A balsam, 12 ins. diam., bears S. 49°E., 85 lks. dist., marked $\frac{1}{4}$ S6BT.	
	New bearing tree. A balsam, 16 ins. diam., bears N.17° 15'E., 34 lks. dist., marked $\frac{1}{4}$ S6BT.	
	Cor stands on steep rocky S. slope, 480 ft. above canyon.	
	Thence	
	S. 0° 03'E., with continuous measurement.	
41.01	Nothing at 40.00 chs. from the cor. of secs. 1 and 12.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1 only, with brass cap marked	
	$\frac{1}{4}$   S 1	
	1937	from which
	A balsam, 12 ins. diam., bears S.32° 30'W., 25 lks. dist., marked $\frac{1}{4}$ S1BT.	
	A spruce, 20 ins. diam., bears N.45° 45'E., 42 lks. dist., marked $\frac{1}{4}$ S1BT.	
41.70	Rocky spur, 70 ft. above $\frac{1}{4}$ sec. cor. of sec. 6, projects S.; descend steep E. slope, entering medium dense spruce and fir timber.	
60.00	Foot of abrupt descent, bears N.70°W., and S.70°E.; descend gentle E. slope.	

DEPENDENT RESURVEY OF ~~WEST~~ BOUNDARY, T. 16 S., R. 6 E.

Chains	
66.96	The standard closing cor. of Tps 15 S., R. 6 E., and T. 16 S., R. 5 E., heretofore described, 560 ft. below spur.
78.50	Stream of clear water, 10 lks. wide, in Bacon Canyon, 690 ft. below spur, course E.; ascend S. slope, entering scattered aspen and fir timber,
85.85	On S. slope, 130 ft. above canyon.
	Record dist. from the $\frac{1}{4}$ sec. cor. W. bdy. sec. 6, and the standard $\frac{1}{4}$ sec. cor. of sec. 31, T. 15 S., R. 6 E.; no evidence of the standard NW. cor. of T. 16 S., R. 6 E. found.
	Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for standard NW. cor. of T. 16 S., R. 6 E., with brass cap marked.
	<div style="text-align: center;">           SC            T15SR6E  <div style="display: inline-block; vertical-align: middle;">             S 6              T16S              R6E           </div> </div>
	1937 from which
	An aspen, 10 ins. diam., bears S. 81° E., 151 lks. dist., marked T16SR6ES6BT.
	No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 3 ft. high S.E. of cor.
	From this cor., the standard $\frac{1}{4}$ sec. cor., S. bdy. of sec. 31, T. 15 S., R. 6 E., bears East, 36.20 chs. dist.; a sandstone, 10 x 8 x 4 ins., above the ground, firmly set, and marked $\frac{1}{4}$ on N. face.
	Land, mountainous. Soil, dark, rich mountain loam; rocky; 2nd rate. Timber, spruce, balsam, Douglas fir, and scattered aspen on portions of mile. Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass. Good grazing land.
	<hr/>
	SUBDIVISION OF T. 16 S., R. 5 E.
	From the cor. of secs. 1, 2, 35, and 36, on S. bdy. of Tp., which is an iron post, 2 ins. diam., as described in the field notes of survey of T. 17 S., R. 5 E., this group.
	N. 0° 01' W., between secs. 35 and 36.
	Descend NE. slope over mountainous land, through medium dense spruce and fir, and scattered aspen timber, and scattered undergrowth.
3.00	Enter scattered timber, bears E. and W.
15.00	Head of draw, 80 ft. below sec. cor., course E.; ascend SE. slope.
25.50	Spur, 60 ft. above draw, slopes NE.; descend steep N. slope, entering medium dense spruce and fir timber.



Chairs

40.00

On steep N. slope, 425 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S35 | S36  
 1937

from which

A balsam, 18 ins. diam., bears S. 26° E., 55 lks. dist., marked  $\frac{1}{4}$ S36BT.

A spruce, 15 ins. diam., bears N. 56° W., 55 lks. dist., marked  $\frac{1}{4}$ S35BT.

60.00

Stream of water, 4 lks. wide, in Hogan Canyon, 400 ft. below  $\frac{1}{4}$  sec. cor., course N. 70° E.; ascend SE. slope, entering medium dense aspen, and scattered spruce and fir timber.

61.50

Trail, bears N. 70° E., and S. 70° W.;

70.00

Enter scattered timber, bears E. and W.

80.00

On SE. slope, near top of spur, 400 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35, and 36, with brass cap marked

T16S | R5E  
 S26 | S25  
 S35 | S36

1937

from which

A balsam, 7 ins. diam., bears N. 20° 30' E., 130 lks. dist., marked T16SR5ES25BT.

An aspen, 6 ins. diam., bears S. 77° 30' E., 115 lks. dist., marked T16SR5ES36BT.

An aspen, 7 ins. diam., bears S. 19° 30' W., 279 lks. dist., marked T16SR5ES35BT.

No suitable bearing tree available in sec. 26.

Land, mountainous.

Soil, dark rich mountain loam; rocky; 2nd rate.

Timber, spruce, balsam, Douglas fir, and aspen on portion of mile.

Undergrowth, scattered service berry, deer browse, and choke cherry; medium growth of weeds and grass. Good grazing land.

East, on random line between secs. 25 and 36.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

79.98

Intersect E. bdy. of Tp., 14 lks. N. of the cor. of secs. 25, 30, 31, and 36, heretofore described.

Thence

N. 89° 54' W., on true line between secs. 25 and 36.

## SUBDIVISION OF T. 16 S., R. 5 E.

## Chains

Descend SW. slope, over mountainous land, through medium dense aspen and scattered spruce and fir timber, and scattered undergrowth.

7.30 Trail, bears NW. and SE.; enter medium dense spruce and fir, and scattered aspen timber.

16.20 Stream of water, 10 lks. wide, in Black Canyon, 500 ft. below sec. cor., course SE.; ascend NE. slope.

30.00 Top of ascent, 275 ft. above canyon, slopes N.; descend NW. slope.

36.00 Stream of water, 4 lks. wide, in Hogan Canyon, 70 ft. below top of ascent, course N. 30° E.; ascend E. slope.

39.99 On E. slope, 160 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S 25  
S36

1937

from which

A balsam, 6 ins. diam., bears N. 3° E., 49 lks. dist., marked  $\frac{1}{4}$  S25BT.

A balsam, 6 ins. diam., bears S. 17° W., 22 lks. dist., marked  $\frac{1}{4}$  S36BT.

41.00 Ascend SE. slope, entering medium dense aspen, and scattered spruce and fir timber.

51.00 Forest trail, bears NE. and SW.; from this point, NW. cor. of pole corral, bears S. 5° E., 1.90 chs. dist.; corral is about 350 ft. wide, E., and W., and 500 ft. long, N. and S.

65.00 Spur, 550 ft. above  $\frac{1}{4}$  sec. cor., slopes N. 80° E., from W.; ascend along top of spur.

71.50 Spur, slopes E., from N. 80° W.; ascend SE. slope, along S. side of top of spur.

79.98 The cor. of secs. 25, 26, 35, and 36, 750 ft. above  $\frac{1}{4}$  sec. cor.

Land, mountainous.

Soil, dark mountain loam; rocky; 2nd rate.

Timber, spruce, balsam, Douglas fir, and aspen on portions of mile.

Undergrowth, scattered deer browse, service berry, and choke cherry; medium growth of weeds and grass.

Good grazing land.

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N. 0° 01' W., between secs. 25 and 26.

Ascend SE. slope, over mountainous land, through scattered spruce, fir, and aspen timber, and scattered undergrowth.

1.00 Spur, 10 ft. above sec. cor., slopes E.; descend NE. slope,

3.00 Enter medium dense spruce and fir, and scattered aspen timber, bears E. and W.

## Chains

and

40.00 On NE. slope, 630 ft. below spur, . . .  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
the ground, for 1/4 sec. cor., with brass cap marked

S26	S25
-----	-----

1937

from which

A spruce, 20 ins. diam., bears N. 42° 30' E., 81 lks.  
dist., marked 1/4 S25BT.

A spruce, 18 ins. diam., bears S. 40° 15' W., 31 lks.  
dist., marked 1/4 S26BT.

43.30 Stream of water, 3 lks. wide, in Buck Basin, 40 ft. below  
1/4 sec. cor., course NE.; ascend SE. slope.

45.00 Top of ascent, 30 ft. above canyon, slopes NE.; descend  
SE. slope.

51.50 Stream of water, 15 lks. wide, in Black Canyon, 135 ft.  
below top of ascent, course SE.; ascend steep SW. slope.

55.30 Trail, bears NW. and SE.; enter medium dense aspen and  
scattered spruce and fir timber.

60.00 On SW. slope, 860 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. of secs. 23, 24, 25, and 26, with  
brass cap marked

T16S	R5E
S23	S24
S26	S25

1937

from which

An aspen, 6 ins. diam., bears N. 42° 45' E., 107 lks.  
dist., marked T16SR5ES24BT.

An aspen, 6 ins. diam., bears S. 64° 45' E., 198 lks.  
dist., marked T16SR5ES25BT.

An aspen, 6 ins. diam., bears S. 81° 45' W., 111 lks.  
dist., marked T16SR5ES26BT.

An aspen, 6 ins. diam., bears N. 24° 15' W., 88 lks.  
dist., marked T16SR5ES23BT.

Land, mountainous.

Soil, dark rich mountain loam; rocky; 2nd rate.

Timber, spruce, balsam, larches fir, and aspen on portion  
of mile.

Undergrowth, scattered sagebrush, service berry, choke  
cherry, and deer browse; medium growth of weeds and grass  
good grazing land.

S. 89° 54' E., or random line between secs. 24 and 25.

43.00 Set temp. 1/4 sec. cor.

60.00 Intersect E. bdy. of Tp., 30 lks. N. of the cor. of secs.

## Chains

19, 24, 25, and 30, heretofore described.

Thence

N.  $89^{\circ} 41' W.$ , on true line between secs. 24 and 25.

Ascend SE. slope over mountainous land, through scattered aspen timber, and scattered undergrowth.

15.00 Spur, 80 ft. above sec. cor., slopes S.  $20^{\circ} W.$ ; descend W. slope.

20.00 Enter medium dense spruce, and fir, and scattered aspen timber, bears N. and S.

34.00 Enter medium dense aspen, and scattered spruce and fir timber, bears N. and S.

40.00 On W. slope, 610 ft. below spur,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} S\ 24 \\ \frac{1}{4} \\ S\ 25 \end{array}$$

1937

from which

1 balsam, 8 ins. diam., bears S.  $59^{\circ} 30' W.$ , 132 lbs. dist., marked  $\frac{1}{4}$  S25BT.

1 balsam, 10 ins. diam., bears W.  $35^{\circ} W.$ , 104 lbs. dist., marked  $\frac{1}{4}$  S24BT.

43.60 Stream of water, 3 lks. wide, in draw, 40 ft. below  $\frac{1}{4}$  sec. cor., course S.; ascend steep SW. slope.

49.00 Spur, 100 ft. above draw, slopes S.; descend SW. slope.

54.80 Stream of water, 4 lks. wide, in draw 80 ft. below spur, course S.  $10^{\circ} E.$ ; ascend SE. slope, entering timber.

72.00 Spur, 560 ft. above draw, slopes S.  $40^{\circ} E.$ ; descend over rolling SW. slope.

80.00 The cor. of secs. 23, 24, 25, and 26, 20 ft. below spur.

Land, mountainous.

Soil, dark rich mountain loam; rocky; 2nd rate.

Timber, spruce, balsam, Douglas fir, and aspen on portions of mile.

Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass.

Good grazing land.

N.  $0^{\circ} 01' W.$ , between secs. 23 and 24.

Ascend SW. slope, over mountainous land, through scattered aspen timber, and scattered undergrowth.

10.00 Spur, 260 ft. above sec. cor., slopes S.  $30^{\circ} E.$ ; thence ascend gradually along SE. slope.

35.00 Enter scattered spruce and fir timber.

40.00 On SE. slope, 400 ft. above spur.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

↑  
S23 S24

1937

from which

A balsam, 12 ins. diam., bears S.  $8^{\circ} 15' E.$ , 46 lks. dist., marked  $\frac{1}{4}$  S24BT.

A balsam, 8 ins. diam., bears N.  $24^{\circ} 30' W.$ , 76 lks. dist., marked  $\frac{1}{4}$  S23BT.

43.00 Ascend slightly along E. slope, entering medium dense spruce and fir timber.

76.80 Head of draw, 70 ft. above  $\frac{1}{4}$  sec. cor., course SE.; ascend abrupt S. slope over sandstone outcroppings.

80.00 On steep S. slope, 70 ft. above head of draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, with brass cap marked

T16S	R5E
S14	S13
S23	S24

1937

from which

A spruce, 10 ins. diam., bears S.  $78^{\circ} 15' E.$ , 42 lks. dist., marked T16SR5ES13BT.

A balsam, 8 ins. diam., bears S.  $49^{\circ} E.$ , 46 lks. dist., marked T16SR5ES24BT.

A spruce, 20 ins. diam., bears S.  $76^{\circ} 30' W.$ , 89 lks. dist., marked T16SR5ES23BT.

A spruce, 8 ins. diam., bears S.  $29^{\circ} 15' W.$ , 35 lks. dist., marked T16SR5ES14BT.

Land, mountainous.

Soil, dark rich sandy mountain loam; rocky; 2nd rate.

Timber, spruce, balsam, Douglas fir, and aspen on portions of mile.

Undergrowth, scattered deer browse, service berry, and choke cherry; medium growth of weeds and grass.

Good grazing land.

S.  $89^{\circ} 41' E.$ , on random line between secs. 13 and 24.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect E. bdy. of Tp., 16 lks. S. of the cor. of secs. 13 and 24, heretofore described.

Thence

N.  $89^{\circ} 48' W.$ , on true line between secs. 13 and 24.

Ascend gradually over rolling E. slope of spur, through

SUBDIVISION OF T. 16 S., R. 5 E.

Chains	
	medium dense spruce and fir timber, and scattered undergrowth.
4.00	Small stream of water, course N. 30°E.
6.00	Trail, bears NE. and SW.
8.00	Recross trail, bears NW. and SE.
11.80	Recross trail, bears NE. and SW.
17.10	Recross trail, bears NW. and SE.
30.00	Leave spur, bears N. 80°E., and S. 80°W.; thence along N. slope.
38.50	Ascend NE. slope, bears NW. and SE.
39.99	On NE. slope, 280 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S\ 13 \\ \frac{1}{4} \quad \hline S\ 24 \end{array}$
	1937 from which
	A spruce, 6 ins. diam., bears S. 71° E., 32 lks. dist., marked $\frac{1}{4}$ S24BT.
	A spruce, 12 ins. diam., bears N. 8° 15'W., 86 lks. dist., marked $\frac{1}{4}$ S13BT.
42.00	Ridge, 75 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; descend SW. slope.
42.70	Trail, bears NW. and SE.
52.80	Head of draw, 80 ft. below ridge, course S.; ascend SE. slope.
63.00	Spur, 150 ft. above draw, slopes S.; descend SW. slope.
79.98	The cor. of secs. 13, 14, 23, and 24, 160 ft. below spur.
	Land, mountainous. Soil, sandy clay loam; rocky; 2nd rate. Timber, spruce, balsam, and Douglas fir. Undergrowth, very scattered deer browse, service berry, and sagebrush; medium growth of weeds and grass. Good grazing land.
	N. 0° 01'W., between secs. 13 and 14.
	Ascend S. slope over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth
6.00	Leave timber, bears E. and W.
16.30	Trail, bears E. and W.
25.00	Top of ascent on ridge, 580 ft. above sec. cor., bears W. and S. 70°E.; spur slopes to NE.; descend NW. slope.
26.00	Enter scattered timber.

## SUBDIVISION OF T. 16 S., R. 5 E.

Chains		called
40.00	On gentle NW. slope, 240 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.	
	$\begin{array}{c} \frac{1}{4} \\ \text{S14} \mid \text{S13} \\ 1937 \end{array}$	
	from which A spruce, 20 ins. diam., bears S. $8^{\circ} 45' E.$ , 119 lks. dist., marked $\frac{1}{4}$ S13BT. A balsam, 6 ins. diam., bears S. $66^{\circ} W.$ , 27 lks. dist., marked $\frac{1}{4}$ S14BT.	
	Descend steep E. slope, entering medium dense spruce and fir timber.	
70.00	Small stream of water, in draw, 590 ft. below $\frac{1}{4}$ sec. cor. course NE.; thence along rolling E. slope.	
80.00	On gentle E. slope. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, with brass cap marked	
	$\begin{array}{c c} \text{T16S} & \text{R5E} \\ \hline \text{S11} & \text{S12} \\ \hline \text{S14} & \text{S13} \end{array}$	
	1937 from which A spruce, 20 ins. diam., bears N. $25^{\circ} 45' E.$ , 94 lks. dist., marked T16SR5ES12BT. A spruce, 24 ins. diam., bears S. $38^{\circ} 45' E.$ , 190 lks. dist., marked T16SR5ES13BT. A spruce, 20 ins. diam., bears S. $29^{\circ} 45' W.$ , 122 lks. dist., marked T16SR5ES14BT. A spruce, 24 ins. diam., bears N. $55^{\circ} 45' W.$ , 73 lks. dist., marked T16SR5ES11BT.	
	Land, mountainous. Soil, dark sandy mountain loam; rocky; 2nd rate. Timber, spruce, balsam, and Douglas fir. Undergrowth, very scattered sagebrush, deer browse, service berry, and choke cherry. Medium growth of weeds and grass. Good grazing land.	
40.00	S. $89^{\circ} 48' E.$ , on random line between secs. 12 and 13. Set temp. $\frac{1}{4}$ sec. cor.	
79.94	Intersect E. bdy. of Tp., 9 lks. S. of the cor. of secs. 12 and 13, heretofore described. Thence N. $89^{\circ} 52' W.$ , on true line between secs. 12 and 13. Ascend NE. slope, over mountainous land, through medium	

SUBDIVISION OF T. 16 S., R. 5 E.

Chains

	spruce and fir timber, and scattered undergrowth.
3.00	Small stream of water, course N.
35.00	Top of ascent, 330 ft. above sec. cor., slopes N.; descend NW. slope.
39.97	On NW. slope, 30 ft. below top of ascent.  Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground; for $\frac{1}{4}$ sec. cor., with brass cap marked  <div style="text-align: center;"><math>\frac{1}{4}</math> <math>\frac{S\ 12}{S\ 13}</math></div> 1937 from which  A spruce, 10 ins. diam., bears S.33° 15'W., 22 lbs. dist., marked $\frac{1}{4}$ S13BT.  A spruce, 10 ins. diam., bears E. 74° W., 27 lbs. dist., marked $\frac{1}{4}$ S12BT.
60.20	Stream of water, 4 lbs. wide, in draw, 150 ft. below $\frac{1}{4}$ sec. cor., course N.60°E.; ascend SE. slope.
75.50	Top of ascent, 225 ft. above draw, slopes SE.; descend SW. slope.
77.40	Small stream of water, in draw, 30 ft. below top of ascent, course SE.; ascend E. slope.
79.94	The cor. of secs. 11, 12, 13, and 14, 30 ft. above draw.  Land, mountainous. Soil, dark rich sandy loam; rocky; 2nd rate. Timber, spruce, balsam, and Douglas fir. Undergrowth, very scattered sagebrush, deer browse, and service berry; medium growth of weeds and grass. Good grazing land.
	<hr/>
	N. 0° 01'W., between secs. 11 and 12.  Ascend gentle SW. slope, over mountainous land, through scattered spruce and fir timber, and scattered undergrowth
2.30	Top of ascent, 25 ft. above sec. cor., slopes E.; descend N. slope.
4.00	Small stream of water, in draw, 20 ft. below top of ascent, course SE.; ascend S. slope.
35.00	Spur, 295 ft. above draw, projects E.; descend N. slope, entering medium dense spruce and fir timber.
40.00	On N. slope, 80 ft. below spur.  Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  <div style="text-align: center;"><math>\frac{1}{4}</math> S11   S12</div> 1937 from which



## SUBDIVISION OF T. 16 S., R. 5 E.

## Chains

A balsam, 8 ins. diam., bears N. 86° E., 70 lks.  
dist., marked  $\frac{1}{4}$ S12BT.

A balsam, 10 ins. diam., bears S. 65° 15' W., 25 lks.  
dist., marked  $\frac{1}{4}$ S11BT.

54.00 Stream of water, 4 lks. wide, in Bulger Canyon, 220 ft.  
below  $\frac{1}{4}$  sec. cor., course E.; ascend SE. slope.

61.70 Small stream of water, course S. 30° E.

76.50 Point of spur, 300 ft. above canyon, slopes NE.; descend  
NE. slope.

80.00 On NE. slope, 25 ft. below point of spur.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in  
the ground, for cor. of secs. 1, 2, 11, and 12, with  
brass cap marked

T16S	R5E
S. 2	S. 1
S11	S12

1937

from which

A spruce, 8 ins. diam., bears N. 44° 15' E., 24 lks.  
dist., marked T16SR5ES1BT.

A spruce, 12 ins. diam., bears S. 44° 45' E., 70 lks.  
dist., marked T16SR5ES12BT.

A balsam, 12 ins. diam., bears S. 57° 45' W., 35 lks.  
dist., marked T16SR5ES11BT.

A spruce, 12 ins. diam., bears N. 49° 15' W., 62 lks.  
dist., marked T16SR5ES2BT.

Land, mountainous.

Soil, dark rich sandy mountain loam; rocky; 2nd rate.  
Timber, spruce, balsam, and Douglas fir.

Undergrowth, very scattered deer browse, sagebrush, and  
choke cherry; medium growth of weeds and grass.

Good grazing land.

S. 89° 52' E., on random line between secs. 1 and 12.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect E. bdy. of Tp., 3 lks. S. of the cor. of secs.  
1 and 12, heretofore described.

Thence

N. 89° 53' W., on true line between secs. 1 and 12.

Along N. slope, over mountainous land, through medium  
dense spruce and fir timber, and scattered undergrowth.

8.00 Draw, course NE.; ascend NE. slope.

13.00 Small stream of water, course NE.

22.80 Sandstone ledge, 50 ft. high, bears N. and S.

## SUBDIVISION OF T: 16 S., R. 5 E.

## Chains

37.00 Spur, known as Bulger Ridge, 800 ft. above sec. cor., projects S. 70° E.; descend SW. slope.

40.01 On SW. slope, 30 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S 1  
S 12

1937

from which

A spruce, 20 ins. diam., bears S. 39° 45' E., 39 lks. dist., marked  $\frac{1}{4}$  S12BT.

A spruce, 20 ins. diam., bears N. 40° 15' W., 18 lks. dist., marked  $\frac{1}{4}$  S1BT.

53.00 Leave timber, bears N. and S.

57.00 Trail, bears NW. and SE.

64.00 Enter medium dense spruce and fir timber, bears W. and SE.

74.30 Small stream of water, in draw, 230 ft. below spur, course SE.; ascend NE. slope.

80.02 The cor. of secs. 1, 2, 11, and 12, 100 ft. above draw.

Land, mountainous.

Soil, dark, rocky mountain loam; 2nd to 3rd rate.

Timber, spruce, balsam, and Douglas fir on portions of mile.

Undergrowth, scattered deer browse, sagebrush, choke cherry, and service berry; medium growth of weeds and grass. Good grazing land.

N. 0° 01' W., between secs. 1 and 2.

Descend NE. slope over mountainous land, through scattered spruce and fir timber, and scattered undergrowth.

4.40 Small stream of water, in draw 50 ft. below sec. cor., course SE.; ascend steep SE. slope.

20.20 Canal, 15 lks. wide, 3 ft. deep, course E.

26.00 Spur, known as Bulger Ridge, 320 ft. above draw, projects E.; descend NE. slope.

34.80 Old road, bears NW. and SE.

40.00 On rocky NE. slope, 190 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S 2 | S 1

1937

from which

A Douglas fir, 24 ins. diam., bears N. 52° 15' E., 153

# SUBDIVISION OF T. 16 S., R. 5 E.

44

Chains

lks. dist., marked  $\frac{1}{4}$ S1BT.

A Douglas fir; 30 ins. diam., bears N.54° 30'W., 256 lks. dist., marked  $\frac{1}{4}$ S2BT.

42.80 Canal, 15 lks. wide, 3 ft. deep, course NW.

46.00 Head of draw, 60 ft. below  $\frac{1}{4}$  sec. cor., course NE.; ascend SE. slope.

50.50 Canal, 15 lks. wide, 4 ft. deep, course SW.

65.81 Intersect 3rd Stan.Par.S., E., 1.08 chs. dist from the standard cor. of secs. 35 and 36, heretofore described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 1 and 2, with brass cap marked

T15ER5E	
S36	
S 2	S 1
T16S	R5E
CC	

1937

raise a mound of stone,  $3\frac{1}{2}$  ft. base, 3 ft. high S. of cor.

Land, mountainous.

Soil, dark, rocky, sandy loam; 2nd to 3rd rate.

Timber, scattered spruce, balsam, and Douglas fir.

Undergrowth, scattered sagebrush, service berry, and choke cherry; medium growth of weeds and grass.

Good grazing land.

From the cor. of secs. 2, 3, 34, and 35, on S. bdy. of Tp., which is an iron post, 2 ins. diam., as described in the field notes of survey of T.17 S., R. 5 E., this group.

N. 0° 01'W., between secs. 34 and 35.

Ascend abrupt SW. slope, over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.

17.40 Trail, bears N.60°E., and S.60°W.

22.00 Top of abrupt ascent, bears N.20°W., and S.20°E., 510 ft. above sec. cor., thence ascend gradually over gentle S. slope.

40.00 On gentle S. slope, 680 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	
S34	S35

1937

from which

SUBDIVISION OF T: 16 S., R. 5 E.

- Chains**
- A Douglas fir, 24 ins. diam., bears N. 27° 30' E.; 72 lks. dist., marked  $\frac{1}{4}$ S35BT.
  - A Douglas fir, 18 ins. diam., bears N. 36° W., 17 lks. dist., marked  $\frac{1}{4}$ S34BT.
  - 41.00 Ascend abrupt S. slope, entering scattered timber, bears N. 70° W., and S. 70° E.
  - 50.50 Rim of ridge, known as Reeder Ridge; 370 ft. above  $\frac{1}{4}$  sec. cor., bears N. 70° W., and S. 70° E.; ascend gentle S. slope over rolling top of ridge.
  - 65.00 Top of ridge, 470 ft. above sec. cor., bears E. and W.; descend gentle N. slope over rolling top of ridge.
  - 71.00 Rim of ridge, bears E. and W.; descend abrupt N. slope, entering dense spruce and fir timber.
  - 78.00 Enter rocky slide area, and scattered timber, bears E. and W.
  - 80.00 On rocky N. slope. 390 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 26, 27, 34, and 35, with brass cap marked.

T16S	R5E
S27	S26
S34	S35

1937 from which

- A spruce, 10 ins. diam., bears N. 57° E., 150 lks. dist., marked T16SR5ES26BT.
- A spruce, 8 ins. diam., bears S. 63° 45' E., 108 lks. dist., marked T16SR5ES35BT.
- A spruce, 12 ins. diam., bears S. 17° 45' W., 89 lks. dist., marked T16SR5ES34BT.
- A spruce, 14 ins. diam., bears N. 29° 45' W., 58 lks. dist., marked T16SR5ES27BT.

Land, mountainous; steep and rolling slopes.  
 Soil, dark rocky sandy loam; 2nd to 3rd rate.  
 Timber, spruce, balsam, and Douglas fir.  
 Undergrowth, scattered sagebrush, service berry, and choke cherry; medium growth of weeds and grass.  
 Good grazing land.

East, on random line between secs. 26 and 35.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.90 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 25, 26, 35, and 36.
- Thence
- S. 89° 59' W., on true line between secs. 26 and 35.
- Ascend SE. slope over mountainous land, through medium growth of weeds and grass.

# SUBDIVISION OF T. 16 S., R. 5 E.

45

Chains

2120

- 12.00 Spur, 160 ft. above sec. cor., slopes N. 80° E.; descend W. slope.
- 15.00 Descend slightly along N. slope, entering medium dense spruce and fir timber, bears NE. and SW.
- 35.00 Draw, known as Buck Basin, 40 ft. below spur, course NE.; ascend E. slope.
- 39.95 On E. slope, 40 ft. above draw.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{r} S 26' \\ S 35 \end{array}$$

1937

from which

A spruce, 20 ins. diam., bears S. 50° 30' W., 34 lks. dist., marked  $\frac{1}{4}$  S35BT.

A spruce, 20 ins. diam., bears N. 14° W., 48 lks. dist., marked  $\frac{1}{4}$  S26BT.

- 66.00 Ascend abrupt SE. slope.
- 71.00 Spur, 700 ft. above  $\frac{1}{4}$  sec. cor., projects NE.; descend abrupt N. slope over small broken ledges, entering very scattered timber.
- 79.90 The cor. of sec. 26, 27, 34, and 35, 50 ft. below spur.
- Land, mountainous.  
Soil, dark rich sandy mountain loam; rocky; 2nd rate.  
Timber, spruce, balsam, and Douglas fir on portion of mile.  
Undergrowth, very scattered deer browse and sagebrush; medium growth of weeds and grass.  
Good grazing land.

1. 0° 01' N., between secs. 26 and 27.

Descend abrupt E. slope, through scattered timber, and scattered undergrowth.

- 2.80 S. edge small lake, bears E., 1 ch., and W. 1 ch.; thence across lake.
- 4.00 N. edge of lake, bears E. and W.; thence descend over gentle E. slope, entering dense spruce and fir timber, bears E. and W.
- 11.00 Descend abrupt E. slope, bears E. and W.
- 34.40 Stream of water, 10 lks. wide, in draw, 775 ft. below sec. cor., course N. 60° E.; ascend SE. slope, entering medium dense aspen, and very scattered spruce and fir timber.
- 40.00 On SE. slope, 75 ft. above draw.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

SUBDIVISION OF T. 16 S., R. 5 E.

Chains

S27 S26

1937

from which

An aspen, 10 ins. diam., bears S. 50° 30' E., 130 lks. dist., marked  $\frac{1}{4}$  S26BT.

An aspen, 10 ins. diam., bears N. 31° 45' W., 134 lks. dist., marked  $\frac{1}{4}$  S27BT.

53.00 Leave timber, bears NE. and SW.

60.00 Spur, 370 ft. above  $\frac{1}{4}$  sec. cor., slopes NE.; descend abrupt NW. slope.

80.00 On abrupt NW. slope; 600 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground; for cor. of secs. 22, 23, 26, and 27, with brass cap marked

T16S	R5E
S22	S23
S27	S26

1937

from which

A spruce, 18 ins. diam., bears N. 47° 15' E., 40 lks. dist., marked T16SR5ES23BT.

A spruce, 8 ins. diam., bears S. 79° 30' E., 24 lks. dist., marked T16SR5ES26BT.

A spruce, 18 ins. diam., bears S. 80° W., 49 lks. dist., marked T16SR5ES27BT.

A balsam, 14 ins. diam., bears N. 74° 15' W., 35 lks. dist., marked T16SR5ES22BT.

Land, mountainous.

Soil, dark rich rocky mountain loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen

Undergrowth, very scattered deer browse, choke cherry, and scribebrush; medium growth of weeds and grass.

Good grazing land.

N. 89° 59' E., on random line between secs. 23 and 26.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.78 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 23, 24, 25, and 26.

Thence

N. 89° 56' W., on true line between secs. 23 and 26.

Descend SW. slope over mountainous land, through medium dense aspen and scattered spruce and fir timber, and scattered undergrowth.

29.60 Trail, bears NW. and SE.

32.00 Small stream of clear water, in draw, 640 ft. below sec. cor., course S.; ascend E. slope.

## Chairs

35.50 Top of ascent, 90 ft. above draw, slopes S.; descend SW. slope, entering medium dense spruce and fir, and scattered aspen timber.

39.89 In bottom of Black Canyon, 100 ft. below top of ascent, bears N. and SE.

Set on iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} S\ 23 \\ \frac{1}{4} \\ S\ 26 \end{array}$$

1937

from which

1 spruce, 12 ins. diam., bears S.  $28^{\circ} 30' W.$ , 102 lks. dist., marked S26BT.

1 spruce, 14 ins. diam., bears N.  $40^{\circ} 45' W.$ , 52 lks. dist., marked S23BT.

Thence along bottom of canyon.

41.30 Stream of water, 20 lks. wide, in canyon, course SE.

43.20 Recross stream of water, course NE.

46.00 Recross stream of water, course SE.; ascend NE. slope.

79.78 The cor. of secs. 22, 23, 26, and 27, 325 ft. above  $\frac{1}{4}$  sec. cor.

Land, mountainous.

Soil, dark rich rocky mountain loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered deer browse, choke cherry and service berry; medium growth of weeds and grass.

Good grazing land.

1.  $0^{\circ} 01' E.$ , between secs. 22 and 23.

Descend E. slope, over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.

3.25 Recross fork, a stream of water, 10 lks. wide, 40 ft. below sec. cor., course N.  $60^{\circ} E.$ ; thence along E. slope.

5.25 Old sawmill site, on line.

11.00 Descend E. slope.

19.30 Stream of water, 10 lks. wide, at mouth of draw, 80 ft. below sec. cor., course E.; thence along bottom of canyon.

41.20 Stream of water, 20 lks. wide, in Black Canyon, course SE.; ascend SW. slope.

43.00 On SW. slope, 90 ft. above canyon.

Set on iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ S22\ S23 \end{array}$$

1937

from which

## SUBDIVISION OF T. 16 S., R. 5 E.

## Chains

A. balsam, 8 ins. diam., bears S.  $16^{\circ} 45' E.$ , 119 lks. dist., marked  $\frac{1}{4}$  S23BT..

A spruce, 12 ins. diam., bears S.  $51^{\circ} 30' W.$ , 54 lks. dist., marked  $\frac{1}{4}$  S22BT.

40.25 Trail, bears N.  $20^{\circ} W.$ , and SE.; enter medium dense aspen and scattered spruce and fir timber.

64.00 Top of ascent, 410 ft. above  $\frac{1}{4}$  sec. cor., slopes W.; descend NW. slope, entering medium dense spruce and fir, and scattered aspen timber.

80.00 On NW. slope, 90 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, with brass cap marked

T16S	R5E
S15	S14
S22	S23

1937

from which

A Douglas fir, 14 ins. diam., bears N.  $37^{\circ} 15' E.$ , 65 lks. dist., marked T16SR5ES14BT.

A Douglas fir, 14 ins. diam., bears S.  $43^{\circ} 45' E.$ , 32 lks. dist., marked T16SR5ES23BT..

A Douglas fir, 18 ins. diam., bears S.  $44^{\circ} 15' W.$ , 20 lks. dist., marked T16SR5ES22BT.

A Douglas fir, 10 ins. diam., bears N.  $14^{\circ} 30' W.$ , 17 lks. dist., marked T16SR5ES15BT.

Land, mountainous.

Soil, dark rocky mountain loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, very scattered deer browse, sagebrush, and choke cherry; medium growth of weeds and grass.

Good grazing land.

S.  $89^{\circ} 56' E.$ , on random line between secs 14 and 23.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.66 Intersect N. and S. line, 23 lks. S. of the cor. of secs. 13, 14, 23, and 24.

Thence

S.  $89^{\circ} 54' W.$ , on true line between secs. 14 and 23.

Ascend SE. slope, over mountainous land, through scattered spruce and fir timber, and scattered undergrowth.

21.00 Spur, 360 ft. above sec. cor., slopes S.  $20^{\circ} E.$ ; descend W. slope.

27.20 Head of draw, 120 ft. below spur, course S.  $30^{\circ} W.$ ; thence along S. slope.

39.83 On S. slope.



## Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} S\ 14 \\ \frac{1}{4} \\ \hline S\ 23 \end{array}$$

1937

from which

A spruce, 20 ins. diam., bears N. 63° E., 120 lks. dist., marked  $\frac{1}{4}$ S14BT.

A spruce, 24 ins. diam., bears S. 44° 15' E., 133 lks. dist., marked  $\frac{1}{4}$ S23BT.

42.30 Point of spur, slopes SW.; descend NW. slope.

79.66 The cor. of secs. 14, 15, 22, and 23, 860 ft. below  $\frac{1}{4}$  sec. cor.

Land, mountainous.

Soil, dark rocky mountain loam; 2nd rate.

Timber, scattered spruce and balsam.

Undergrowth, scattered sagebrush, deer browse, and choke cherry; medium growth of weeds and grass.

Good grazing land.

N. 0° 01' W., between secs. 14 and 15.

Descend W. slope over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.

8.00 Trail, bears NE. and SW.

11.50 Stream of water, 5 lks. wide, in Black Canyon, 70 ft. below sec. cor., course S. 30° W.; ascend SE. slope, along W. side of canyon.

19.00 Enter scattered timber.

24.00 Ascend slightly along E. slope, on W. side of canyon.

40.00 On E. slope, 250 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ S15\ S14 \\ \hline 1937 \end{array}$$

1937

from which

A balsam, 6 ins. diam., bears N. 73° 30' E., 26 lks. dist., marked  $\frac{1}{4}$ S14BT.

A balsam, 6 ins. diam., bears N. 9° 15' W., 180 lks. dist., marked  $\frac{1}{4}$ S15BT.

41.50 Small stream of water, in draw, course E.; continue along E. slope.

65.30 Stream of water, 5 lks. wide, in Black Canyon, course SE.; ascend SW. slope.

73.00 Trail, bears W. and SE.

80.00 On steep SW. slope, 180 ft. above canyon.

## SUBDIVISION OF T. 16 S., R. 5 E.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 10, 11, 14, and 15, with brass cap marked.

T16S	R5E
S10	S11
S15	S14

1937

from which

A spruce, 30 ins. diam., bears N. 21° E., 80 lks. dist., marked T16SR5ES11BT.

A balsam, 10 ins. diam., bears S. 88° E., 53 lks. dist., marked T16SR5ES14BT.

A balsam, 8 ins. diam., bears S. 75° 15' W., 99 lks. dist., marked T16SR5ES15BT.

A spruce, 10 ins. diam., bears N. 12° W., 99 lks. dist., marked T16SR5ES10BT.

Land, mountainous.

Soil, dark rich rocky mountain loam; 2nd rate.

Timber, from medium dense to scattered spruce, balsam, and Douglas fir.

Undergrowth, scattered sagebrush, choke cherry, deer browse, and service berry; medium growth of weeds and grass. Good grazing land.

N. 89° 54' E., on random line between secs. 11 and 14.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.70 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 11, 12, 13, and 14.

Thence

S. 89° 59' W., on true line between secs. 11 and 14.

Ascend NE. slope, over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.

39.85 On NE. slope, near top of ridge, 700 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$	S 11
	S 14

1937

from which

A spruce, 8 ins. diam., bears S. 1° E., 87 lks. dist., marked  $\frac{1}{4}$ S14BT.

A spruce, 8 ins. diam., bears N. 76° 30' W., 83 lks. dist., marked  $\frac{1}{4}$ S11BT.

41.00 Ridge, 30 ft. above  $\frac{1}{4}$  sec. cor., bears N. 30° W., and S. 30° E.; descend SW. slope.

58.00 Trail, bears NW. and SE.

58.60 Spring on line, stream of water drains SW.

# SUBDIVISION OF T. 16 S., R. 5 E.

52 Chains

- 69.30 Canal, 10 lks. wide, 3 ft. deep, course NW.
- 77.30 Canal, 10 lks. wide, 3 ft. deep, course N.10°W.
- 79.00 Old road, bears N. and S.
- 79.70 The cor. of secs. 10, 11, 14, and 15, 770 ft. below ridge.

Land, mountainous; steep slopes.  
Soil, dark rich rocky mountain loam; 2nd rate.  
Timber, spruce, balsam, and Douglas fir.  
Undergrowth, scattered goose berry, choke cherry, and  
sagebrush; medium growth of weeds and grass.  
Good grazing land.

N. 0° 01'W., between secs. 10 and 11.

Ascend SW. slope, over mountainous land, through medium  
dense spruce and fir timber, and scattered undergrowth.

- 7.10 Canal, 10 lks. wide, 3 ft. deep, course NW.
- 10.00 Canal, 10 lks. wide, 3 ft. deep, course NW.
- 12.30 Trail, bears N. 70°W., and S.70°E.
- 40.00 On SW. slope, 450 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S10 S11

1937 from which

A balsam, 10 ins. diam., bears N.67° 45'E., 26 lks.  
dist., marked  $\frac{1}{4}$ S11BT.

A spruce, 12 ins. diam., bears S. 89° W., 12 lks.  
dist., marked  $\frac{1}{4}$ S10BT.

- 47.00 Top of ascent, on main divide of drainage, 40 ft. above  
 $\frac{1}{4}$  sec. cor., bears N.60°E., and S.60°W.; slopes S.60°  
W.; descend abrupt NW. slope.
- 53.00 Road, known as Skyline Drive, bears NE. and SW.; descend  
abrupt N. slope.
- 70.50 Draw, 800 ft. below top of ascent, course N.60°W.;  
descend along steep W. slope.
- 77.30 Small stream of water in draw, descend NW. slope.
- 80.00 On NW. slope, 880 ft. below top of ascent and divide.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in  
the ground to solid rock, and in mound of stone to top,  
for cor. of secs. 2, 3, 10, and 11, with brass cap marked

T16S | R5E  
S 3 | S 2  
S10 | S11

1937 from which

# SUBDIVISION OF T. 16 S., R. 5 E.

## Chains

A balsam, 14 ins. diam., bears N. 44° 45' E., 103 lks. dist., marked T16SR5ES2BT.

A balsam, 14 ins. diam., bears S. 29° E., 69 lks. dist., marked T16SR5ES11BT.

A spruce, 20 ins. diam., bears S. 66° 30' W., 95 lks. dist., marked T16SR5ES10BT.

A spruce, 12 ins. diam., bears N. 76° 45' W., 88 lks. dist., marked T16SR5ES3BT.

Land, mountainous.

Soil, dark, rocky, sandy mountain loam; 2nd to 3rd rate timber, spruce, balsam, and Douglas fir.

Undergrowth, scattered goose berry, sagebrush, and choke cherry; medium growth of weeds and grass.

Good grazing land.

N. 89° 59' E., on random line between secs. 2 and 11.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.68 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 1, 2, 11, and 12.

Thence

N. 89° 57' W., on true line between secs. 2 and 11.

Ascend gentle E. slope over rolling mountainous land, through scattered spruce and fir timber, and scattered undergrowth.

15.00 Ascend gentle SE. slope.

28.50 Canal, 10 lks. wide, 3 ft. deep, course NE.

39.84 On gentle SE. slope, 250 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S 2}{S 11}$$

1937

from which

A spruce, 10 ins. diam., bears N. 26° 15' E., 273 lks. dist., marked  $\frac{1}{4}$ S2BT.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high N. of cor.

45.00 Ridge, and main divide of drainage, 110 ft. above  $\frac{1}{4}$  sec. cor., bears N. 30° E., and S. 30° W.; descend abrupt rocky NW. slope.

51.90 Road, known as Skyline Drive, 280 ft. below ridge, bears N. 30° E., and S. 30° W.

79.68 The cor. of secs. 2, 3, 10, and 11, 1100 ft. below ridge.

Land, mountainous; rolling slopes on E. portion and steep rocky slopes on W. portion.

SUBDIVISION OF T. 16 S., R. 5 E.

57

Chains

Soil, dark, rocky, sandy mountain loam; 2nd to 3rd rate. Timber, scattered spruce, balsam, and Douglas fir. Undergrowth, scattered sagebrush, choke cherry and deer browse; medium growth of weeds and grass. Good grazing land.

N. 0° 01' E., between secs. 2 and 3.

Descend NW. slope over mountainous land, through scattered spruce and fir timber, and scattered undergrowth.

7.50 Draw at head of Cedar Creek, 40 ft. below sec. cor., course 7.80° W.; ascend SW. slope.

24.00 Spur, 280 ft. above draw, projects NW.; descend NE. slope.

40.00 On NE. slope, 320 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S 3 | S 2  
 1937

from which

A balsam, 10 ins. diam., bears S. 64° E., 88 lks. dist., marked S2BT.

57.00 Raise a mound of stone 3 ft. base, 2 ft. high W. of cor. Enter dense spruce and fir timber, bears NW. and SE.

65.35 On NE. slope, 360 ft. below  $\frac{1}{4}$  sec. cor.

Intersect the 3rd Stan. Par. S., 1. 89° 43' E., 1.20 chs. dist. from the standard cor. of secs. 34 and 35, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 2 and 3, with brass cap marked

T15SR5E  
 S 35  
 S 3 | S 2  
 T16S | R5E  
 CC

1937

from which

A spruce, 20 ins. diam., bears S. 59° E., 33 lks. dist., marked T16SR5ES2CCBT.

A spruce, 10 ins. diam., bears S. 83° W., 51 lks. dist., marked T16SR5ES3CCBT.

Land, mountainous; steep slopes; NW. exposure. Soil, dark rich rocky mountain loam; 2nd rate. Timber, spruce, balsam, and Douglas fir. Undergrowth, scattered goose berry, deer browse, and choke cherry; medium growth of weeds and grass. Good grazing land.

SUBDIVISION OF T. 16 S., R. 5 E.

Chains

From the cor. of secs. 3, 4, 33, and 34, on S. bdy. of Tp., which is an iron post, 2 ins. diam., as described in the field notes of survey of T. 17 S., R. 5 E., this group.

N. 0° 02' W., between secs. 33 and 34.

Ascend gentle S. slope, over rolling mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.

9.00 Trail, bears E. and W.

21.65 Small stream of water, course SE.

23.00 Ascend abrupt rocky S. slope, bears E. and W.; leave timber.

28.00 Ascend abrupt SE. slope, entering dense willows, bears NW. and SE.

29.00 Small stream of water, course S. 60° E.

30.00 Leave willows; bears NE. and SW.

40.00 True point for  $\frac{1}{4}$  sec. cor. on small ledge outcropping, on abrupt SE. slope, 620 ft. above sec. cor. Impracticable to set cor. monument, therefore at

40.30 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S33 | S34  
WC  
1937

raise a mound of stone, 3 ft. base, 3 ft. high W. of cor.

42.00 Rim of peak, 50 ft. above witness  $\frac{1}{4}$  sec. cor., bears N. 30° E., and S. 30° W.; thence over rolling S. slope.

65.30 Rim of peak, 350 ft. above witness  $\frac{1}{4}$  sec. cor., bears N. 30° W., and S. 30° E.

From this point, Coast and Geodetic triangulation station, South Tent, bears N. 35° 57' W., 5.80 chs. dist. Station is marked by a standard disk station mark, and witnessed by two standard disk reference marks, and is located on rocky ridge, and on the highest point in the township, bears S., and N. 15° W.

Descend abrupt, rocky NE. slope.

73.00 Enter scattered scrub spruce and fir timber, bears NW. and SE.

80.00 On rocky NE. slope, 260 ft. below rim of peak.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 27, 28, 33, and 34, with brass cap marked

T16S | R5E  
S28 | S27  
S33 | S34  
1937

from which

## Chains

A spruce, 6 ins. diam., bears N. 21° E., 16 lks. dist., marked BT.

A spruce, 8 ins. diam., bears S. 57° E., 16 lks. dist., marked T16SR5ES34BT.

A spruce, 5 ins. diam., bears S. 80° W., 9 lks. dist., marked BT.

A spruce, 6 ins. diam., bears N. 50° W., 33 lks. dist., marked BT.

Land, mountainous; steep rocky slopes.

Soil, rocky sandy mountain loam; 2nd to 3rd rate.

Timber, spruce, balsam, and Douglas fir on portions of mile.

Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass.

Good grazing land.

East, on random line between secs. 27 and 34.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.86 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence

S. 89° 57' W., on true line between secs. 27 and 34.

Along rocky N. slope, over mountainous land, through scattered undergrowth.

8.00 Enter medium dense spruce and fir timber, bears N. 80° E., and S. 80° W.

38.53 Cr. N. slope, 110 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{r} S 27 \\ S 34 \end{array}$$

1937

from which

A spruce, 14 ins. diam., bears N. 41° E., 45 lks. dist., marked  $\frac{1}{4}$ S27BT.

A balsam, 10 ins. diam., bears S. 61° E., 21 lks. dist., marked  $\frac{1}{4}$ S34BT.

Ascend along abrupt N. slope.

59.00 Ascend abrupt, rocky NE. slope.

79.86 The cor. of secs. 27, 28, 33, and 34, 430 ft. above  $\frac{1}{4}$  sec. cor.

Land, mountainous; N. exposure.

Soil, rocky mountain loam; 2nd and 3rd rate.

Timber, spruce, balsam, and Douglas fir on portion of mile.

Undergrowth, scattered choke cherry, deer browse, and sagebrush; medium growth of weeds and grass.

Good grazing land.

Chains

N. 0° 02' W., between secs. 27 and 28.

Descend abrupt NE. slope, through medium dense spruce and fir timber, and scattered undergrowth.

12.10 Stream of water, 5 lks. wide, in draw, 190 ft. below sec. cor., course N. 80° E.; ascend SE. slope.

21.00 Spur, 90 ft. above draw, projects N. 60° E.; descend NW. slope.

37.10 Trail, bears E. and W.

40.00 On NW. slope, 400 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\begin{array}{c} \uparrow \\ \text{S28} \mid \text{S27} \end{array}$$

1937

from which

A balsam, 8 ins. diam., bears S. 55° 15' E., 46 lks. dist., marked  $\frac{1}{4}$  S27BT.A balsam, 18 ins. diam., bears S. 87° 30' W., 43 lks. dist., marked  $\frac{1}{4}$  S28BT.45.50 **Meadow Fork,**  
stream of water, 10 lks. wide, in draw, 130 ft. below  $\frac{1}{4}$  sec. cor., course N. 60° E.; descend over gentle NE. slope,59.00 Wash, 20 lks. wide, 4 ft. deep, in draw, 200 ft. below  $\frac{1}{4}$  sec. cor., course N. 80° E.; ascend gentle SE. slope.

69.60 Stream of water, 5 lks. wide, in draw, course S. 60° E.; ascend abrupt SE. slope.

80.00 On rocky NE. slope, 210 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, with brass cap marked

$$\begin{array}{c|c} \text{T16S} & \text{R5E} \\ \hline \text{S21} & \text{S22} \\ \hline \text{S28} & \text{S27} \end{array}$$

1937

from which

A spruce, 14 ins. diam., bears N. 52° E., 93 lks. dist., marked T16SR5ES22BT.

A spruce, 18 ins. diam., bears S. 84° 30' E., 92 lks. dist., marked T16SR5ES27BT.

A spruce, 12 ins. diam., bears S. 9° 45' W., 37 lks. dist., marked T16SR5ES28BT.

A spruce, 10 ins. diam., bears N. 26° 15' W., 63 lks. dist., marked T16SR5ES21BT.

Land, mountainous; NE. exposure.

Soil, dark, rocky, sandy, mountain loam; 2nd rate.

Timber, spruce, balsam, and Douglas fir.

Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass.

Good grazing land.



## Chains

1. 89° 57' E., on random line between secs. 22 and 27.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.88 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 22, 23, 26, and 27.
- Thence
- West, on true line between secs. 22 and 27.
- Descend along E. slope, over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.
- 8.00 **Meadow Fork, stream of water**, 10 lks. wide, in draw, 30 ft. below sec. cor., course N. 60° E.; ascend steep SE. slope.
- 14.00 Enter medium dense aspen and scattered spruce and fir timber, bears N. and S.
- 39.94 On SE. slope, 460 ft. above sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\begin{array}{r} \frac{1}{4} \text{ S } 22 \\ \hline \frac{1}{4} \text{ S } 27 \end{array}$$
- 1937 from which
- An aspen, 12 ins. diam., bears S. 13° E., 158 lks. dist., marked  $\frac{1}{4}$  S27ET.
- An aspen, 10 ins. diam., bears N. 3° 45' W., 124 lks. dist., marked  $\frac{1}{4}$  S22ET.
- 57.00 Enter spruce and fir timber, bears NE. and SW.
- 68.00 Top of ledge, 50 ft. high, bears NE. and SW.
- 79.88 The cor. of secs. 21, 22, 27, and 28, 520 ft. above  $\frac{1}{4}$  sec. cor.
- Land, mountainous.
- Soil, dark rich rocky mountain loam; 2nd rate.
- Timber, spruce, balsam, Douglas fir, and aspen.
- Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass.
- Good grazing land.
- 
- N. 0° 02' W., between secs. 21 and 22.
- Ascend abrupt SE. slope, over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.
- 10.00 Rocky spur, 260 ft. above sec. cor., projects N. 70° E.; descend abrupt NW. slope.
- 34.75 Stream of water, 4 lks. wide, course N. 10° E.
- 40.00 On E. slope, 240 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

## Chains

 $\frac{1}{4}$   
 S21 | S22

1937

from which

A spruce, 10 ins. diam., bears N. 79° 30' E., 155 lks. dist., marked  $\frac{1}{4}$  S22BT.

A balsam, 10 ins. diam., bears S. 9° W., 26 lks. dist., marked  $\frac{1}{4}$  S21BT.

- 46.90 Stream of water, 5 lks. wide, 75 ft. below  $\frac{1}{4}$  sec. cor., course NE; thence across head of draw.
- 48.50 Stream of water, 10 lks. wide, course E.; ascend SE. slope
- 59.00 Road, bears N. 60° E., and S. 60° W.; ascend abrupt SE. slope, entering medium dense aspen and scattered spruce and fir timber.
- 71.40 Recross road, bears N. 60° E., and S. 60° W.
- 77.50 Rim of spur, 575 ft. above stream of water, bears E. and W.; spur projects E.; thence over rolling top of spur, entering scattered aspen, spruce and fir timber.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21, and 22, with brass cap marked

T16S	R5E
S16	S15
S21	S22

1937

from which

A Douglas fir, 12 ins. diam., bears N. 4° E., 66 lks. dist., marked T16SR5ES15BT.

A balsam, 12 ins. diam., bears S. 76° 15' E., 138 lks. dist., marked T16SR5ES22BT.

A balsam, 14 ins. diam., bears S. 66° 30' W., 42 lks. dist., marked T16SR5ES21BT.

A balsam, 10 ins. diam., bears N. 39° 30' W., 21 lks. dist., marked T16SR5ES16BT.

Land, mountainous.

Soil, dark, rocky mountain loam; 2nd rate.

Timber, spruce, balsam, Douglas fir, and aspen.

Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass.

Good grazing land.

East, on random line between secs. 15 and 22.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.

- 79.90 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 14, 15, 22, and 23.

Thence

S. 89° 58' W., on true line between secs. 15 and 22.

Chains	
	Descend N. slope over mountainous land, through medium dense spruce, fir, and scattered aspen timber, and scattered undergrowth.
6.90	Trail, bears N. 15° E., and S. 15° W.
8.90	Stream of water, 15 lks. wide, in Black Canyon, 150 ft. below sec. cor., course S.; ascend SE. slope.
35.50	Stream of water, 10 lks. wide, 200 ft. above canyon, course S.; ascend over gentle E. slope.
39.95	On gentle E. slope, 240 ft. above canyon.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 15.
	S 22
	1937 from which
	A balsam, 14 ins. diam., bears N. 40° 45' E., 53 lks. dist., marked $\frac{1}{4}$ S15ET.
	A Douglas fir, 20 ins. diam., bears S. 31° 15' E., 58 lks. dist., marked $\frac{1}{4}$ S22ET.
40.10	Trail bears . and S.; enter scattered timber.
44.75	Road, bears N. and S.; ascend abrupt NE. slope.
64.60	Recross road, bears NW. and SE.
70.00	Spur, 620 ft. above $\frac{1}{4}$ sec. cor., projects SE.; thence over rolling top of spur.
79.90	The cor. of secs. 15, 16, 21, and 22.
	Land, mountainous.
	Soil, dark rich rocky mountain loam; 2nd rate.
	Timber, spruce, balsam, Douglas fir, and very scattered aspen.
	Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass.
	Good grazing land.
	<hr/>
	N. 0° 02' W., between secs. 15 and 16.
	Over rolling top of spur, through scattered spruce and fir timber, and scattered undergrowth.
7.00	Rim of spur, bears E. and W.; descend NE. slope.
10.40	Road, bears N. 70° W., and S. 70° E.
14.00	Foot of descent, 80 ft. below spur; leave timber, bears NE. and SW.; thence over rolling E. slope, along E. side of top of main ridge.
40.00	On gentle E. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

## SUBDIVISION OF T. 16 S., R. 5 E.

Chains

S16 | S15

1937

raise a mound of  
stone, 3 ft. base, 3 ft. high W. of cor.

From the  $\frac{1}{4}$  sec. cor., the junction of road from Spring City, Ut. with road, known as Skyline Drive, on top of main ridge, bears S.  $80^{\circ}$  W., 160 lks. dist.

- 41.90 Canal, 10 lks. wide, 4 ft. deep, course SW.
- 42.80 Road, known as Skyline Drive, bears N.  $30^{\circ}$  E., about 4 chs., thence east, and S.  $30^{\circ}$  W.:
- 48.50 Wash, 20 lks. wide, 4 ft. deep, course SE.; ascend S. slope; entering scattered timber.
- 75.00 Top of ridge, and main divide of drainage, 350 ft. above  $\frac{1}{4}$  sec. cor., bears E. and W.; abrupt descent over N. slope over ledges.
- 80.00 On N. slope, 360 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 9, 10, 15, and 16, with brass cap marked

T16S	R5E
S 9	S10
S16	S15

1937

from which

A spruce, 18 ins. diam., bears N.  $38^{\circ}$  E., 254 lks. dist., marked T16SR5ES10BT.

A spruce, 12 ins. diam., bears S.  $84^{\circ}$  15' W., 214 lks. dist., marked T16SR5ES16BT.

A spruce, 14 ins. diam., bears N.  $5^{\circ}$  15' W., 238 lks. dist., marked T16SR5ES9BT.

No suitable bearing tree available in sec. 15.

Land, mountainous.

Soil, dark. rocky mountain loam; 2nd rate.

Timber, scattered spruce, balsam, and Douglas fir on portions of mile.

Undergrowth, very scattered deer browse, choke cherry; medium growth of weeds and grass.

Good grazing land.

N.  $89^{\circ}$  58' E., on random line between secs. 10 and 15.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.88 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 10, 11, 14, and 15.

Thence

N.  $89^{\circ}$  59' W., on true line between secs. 10 and 15.

Chains	
	Descend SW. slope, over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.
7.00	Trail, bears NW. and SE.
12.00	Stream of water, 5 lks. wide, in head of Black Canyon, 50 ft. below sec. cor., course S. 30°E.; ascend NE. slope.
18.00	Top of ascent, bears N. and S.; thence across grass meadow.
34.75	Canal, 10 lks. wide, 3 ft. deep, course N.; leave meadow; bears N. and S.; ascend gentle E. slope.
38.70	Road, known as Skyline Drive, bears N. 15°E., and S. 15°W.
39.94	On gentle E. slope, 120 ft. above canyon.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S\ 10 \\ \frac{1}{4} \\ \hline S\ 15 \end{array}$
	1937 from which
	A spruce, 14 ins. diam., bears N. 0° 30'E., 154 lks. dist., marked $\frac{1}{4}$ S10BT.
	A spruce, 12 ins. diam., bears S. 51° 30'E., 157 lks. dist., marked $\frac{1}{4}$ S15BT.
40.20	Canal, 10 lks. wide, 3 ft. deep, course N.
44.00	Bend in canal, course S. 60°E., from S.
50.00	Ascend abrupt rocky E. slope, bears N. and S.
67.00	Ridge and divide of drainage, 330 ft. above $\frac{1}{4}$ sec. cor., bears N. 30°E., and S. 30°W.; descend along rocky N. slope.
79.88	The cor. of secs. 9, 10, 15, and 16, 120 ft. below ridge.
	Land, mountainous. Soil, dark rich mountain loam; rocky; 2nd rate. Timber, spruce, balsam, and Douglas fir. Undergrowth, scattered deer browse, choke cherry, and sagebrush; medium growth of weeds and grass. Good grazing land.
	<hr/>
	N. 0° 02' W., between secs. 9 and 10.
	Descend abrupt NW. slope, over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.
29.00	Stream of water, 5 lks. wide, in head of Cow Fork, 740 ft. below sec. cor., course N. 60°W.; ascend SW. slope, leaving spruce and fir, and entering aspen timber.
40.00	On SW. slope, 20 ft. above stream.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

## Chains

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 9 \mid \text{S } 10 \end{array}$$

1937

from which

An aspen, 10 ins. diam., bears S.  $9^{\circ} 30' \text{E.}$ , 168 lks. dist., marked  $\frac{1}{4}\text{S10BT.}$

An aspen, 10 ins. diam., bears S.  $40^{\circ} \text{W.}$ , 105 lks. dist., marked  $\frac{1}{4}\text{S9BT.}$

43.00 Top of ascent, 10 ft. above  $\frac{1}{4}$  sec. cor., slopes W.; descend along W. slope.

49.00 Old road, bears NE. and SW.

50.80 Draw, 80 ft. below top of ascent, course W.; ascend SW. slope.

80.00 On SW. slope, 160 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, with brass cap marked

T16S	R5E
S 4	S 3
S 9	S10

1937

from which

An aspen, 5 ins. diam., bears N.  $12^{\circ} \text{E.}$ , 22 lks. dist., marked T16SR5ES3BT.

An aspen, 6 ins. diam., bears S.  $2^{\circ} 30' \text{E.}$ , 269 lks. dist., marked T16SR5ES10BT.

An aspen, 6 ins. diam., bears S.  $30^{\circ} 15' \text{W.}$ , 115 lks. dist., marked T16SR5ES9BT.

An aspen, 6 ins. diam., bears N.  $35^{\circ} 45' \text{W.}$ , 21 lks. dist., marked T16SR5ES4BT.

Land, mountainous; NW. exposure and drainage.  
Soil, dark rich mountain loam; rocky; 2nd rate.  
Timber, spruce, balsam, and Douglas fir on S. portion, and aspen on N. portion of mile.  
Undergrowth, scattered deer browse and goose berry; medium growth of weeds and grass. Good grazing land.

S.  $89^{\circ} 59' \text{E.}$ , on random line between secs. 3 and 10.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.92 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 2, 3, 10, and 11.

Thence

West, on true line between secs. 3 and 10.

Descend steep NW. slope, over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.

6.90 Wash, 20 lks. wide, 4 ft. deep, course NW.

## Chains

- 8.75 Wash, 20 lks. wide, 3 ft. deep, in draw, 80 ft. below sec. cor., course NW.; ascend abrupt NE. slope.
- 29.00 Spur, 310 ft. above draw, slopes NW.; descend abrupt W. slope.
- 39.96 On W. slope, 400 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\begin{array}{r} S\ 3 \\ \frac{1}{4} \quad \hline S\ 10 \end{array}$$
- 1937 from which
- A balsam, 8 ins. diam., bears N. 27° 45' E., 58 lks. dist., marked  $\frac{1}{4}$  S3BT.
- A balsam, 10 ins. diam., bears S. 17° W., 150 lks. dist., marked  $\frac{1}{4}$  S10BT.
- 48.30 Stream of water, 5 lks. wide, course N. 30° W.
- 52.30 Stream of water, 10 lks. wide, in draw, 125 ft. below  $\frac{1}{4}$  sec. cor., course N. 20° W.; ascend abrupt NE. slope.
- 65.00 Leave spruce and fir, and enter scattered aspen timber, bears N. and S.
- 74.00 Spur, 640 ft. above draw, projects W.; descend SW. slope.
- 79.92 The cor. of secs. 3, 4, 9, and 10, 110 ft. below spur.
- Land, mountainous; steep slopes; N. exposure.  
Soil, dark rich mountain loam; rocky; 2nd rate.  
Timber, spruce, balsam, and Douglas fir on E. portion, and scattered aspen on W. portion of mile.  
Undergrowth, scattered deer browse, goose berry, and choke cherry; medium growth of weeds and grass.  
Good grazing land.
- 
- N. 0° 02' W., between secs. 3 and 4.
- Ascend SW. slope, over mountainous land, through scattered aspen timber, and scattered undergrowth.
- 14.00 Spur, 90 ft. above sec. cor., projects N. 30° W.; descend NE. slope, entering scattered spruce and fir timber.
- 40.00 On NE. slope, 800 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\begin{array}{r} \frac{1}{4} \\ S\ 4 \quad | \quad S\ 3 \end{array}$$
- 1937 from which
- A balsam, 15 ins. diam., bears S. 28° 45' E., 37 lks. dist., marked  $\frac{1}{4}$  S3BT.
- A spruce, 6 ins. diam., bears S. 86° 30' W., 7 lks. dist., marked  $\frac{1}{4}$  S4BT.

## Chains

44.90 Trail, bears N. 70°W., and S. 70°E.

46.50 Cedar Creek, a stream of water, 5 lks. wide, in draw, 180 ft. below  $\frac{1}{4}$  sec. cor., course N. 60°W.; ascend SW. slope, leaving spruce and fir timber, and enter very scattered aspen.

48.30 Old road, bears E. and W.

64.16 On SW. slope, 330 ft. above creek.

Intersect 3rd Stan. Par. S., S. 89° 12'W., 1.32 chs. dist., from standard cor. of secs. 33 and 34, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 3 and 4, with brass cap marked

T15SR5E	
S 33	
S 4	S 3
T16S	E 5E
CC	

1937

from which

An aspen, 5 ins. diam., bears S. 35° 15'W., 165 lks. dist., marked T16SR5E S4CCBT.

No other suitable bearing trees available. Deposit a sandstone, 8 x 5 x 5 ins., marked X at base of post.

Land, mountainous; 1" exposure.

Soil, dark rich mountain loam; rocky; 2nd rate.

Timber, scattered spruce, balsam, Douglas fir, and aspen on portions of mile.

Undergrowth, scattered deer browse, goose berry, choke cherry, and sagebrush; medium growth of weeds and grass. Good grazing land.

From the cor. of secs. 4, 5, 32, and 33, on S. bdy. of Tp., which is an iron post, 2 ins. diam., as described in the field notes of survey of T. 17 S., R. 5 E., this group.

N. 0° 03' W., between secs. 32 and 33.

Ascend SE. slope, over mountainous land, through scattered aspen, spruce, and fir timber, and scattered undergrowth.

1.50 Ascend along steep S. slope.

31.20 Stream of water, 10 lks. wide, course S. 30°E.

37.00 Rim of draw, 260 ft. above sec. cor., bears N. 20°E., and S. 20°W.; thence ascend gentle SE. slope, over rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S32	S33
-----	-----

1937

from which



## Chains

A balsam, 10 ins. diam., bears S. 10° E., 231 lks. dist., marked  $\frac{1}{4}$ S33BT.

A balsam, 12 ins. diam., bears N. 38° 15' W., 169 lks. dist., marked  $\frac{1}{4}$ S32BT.

80.00 On gentle SE. slope, 220 ft. above  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32, and 33, with brass cap marked

T16S	R5E
S29	S28
S32	S33

1937

from which

A Douglas fir, 20 ins. diam., bears N. 5° 30' E., 17 lks. dist., marked T16SR5ES28BT.

A balsam, 8 ins. diam., bears S. 43° 30' E., 14 lks. dist., marked T16SR5ES33BT.

A Douglas fir, 24 ins. diam., bears S. 61° W., 44 lks. dist., marked T16SR5ES32BT.

A Douglas fir, 10 ins. diam., bears N. 16° 30' W., 258 lks. dist., marked T16 SR5ES29BT.

Land, mountainous; steep slopes on S. portion, and rolling on N. portion of mile.

Soil, rich sandy mountain loam; rocky; 2nd rate.

Timber, scattered spruce, balsam, Douglas fir, and aspen.

Undergrowth, scattered goose berry, sagebrush, and choke cherry; medium growth of weeds and grass.

Good grazing land.

East, on random line between secs. 28 and 33.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.82 Intersect the cor. of secs. 27, 28, 33, and 34.

Thence

West, on true line between secs. 28 and 33.

Ascend abrupt rocky NE. slope, over mountainous land, through scattered spruce and balsam timber, and scattered undergrowth.

2.00 Leave timber, bears N. 30° W., and S. 30° E.

7.00 Ridge, 200 ft. above sec. cor., bears N. 30° W., and S. 30° E.; descend abrupt W. slope, entering scattered spruce and fir timber.

33.00 Foot of abrupt descent, 720 ft. below ridge, bears NW. and SE.; thence descend gentle W. slope, over rolling land.

39.91 On gentle W. slope, 730 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

Chains

$$\frac{1}{4} \begin{array}{l} S\ 28 \\ S\ 33 \end{array}$$

1937

from which

A spruce, 10 ins. diam., bears S. 72° E., 22 lks. dist., marked  $\frac{1}{4}$ S33BT.

A balsam, 8 ins. diam., bears N. 49° W., 105 lks. dist., marked  $\frac{1}{4}$ S28BT.

Continue descent over gentle W. slope, entering medium dense timber.

48.60 Stream of water, 10 lks. wide, in draw, 60 ft. below  $\frac{1}{4}$  sec. cor., course S. 30° W.; ascend slightly over gentle SE. slope.

52.00 Enter scattered timber.

66.40 Trail, bears N. 80° W., and S. 80° E.

79.82 The cor. of secs. 28, 29, 32, and 33, 30 ft. above draw. Land, mountainous.  
Soil, dark sandy mountain loam; rocky; 2nd rate.  
Timber, scattered spruce, balsam, and Douglas fir.  
Undergrowth, scattered goose berry, sagebrush, and choke cherry; medium growth of weeds and grass.  
Good grazing land.

N. 0° 03' W., between secs. 28 and 29.

Ascend gentle SE. slope over rolling mountainous land, through scattered spruce and fir timber, and scattered undergrowth.

0.75 Trail, bears E. and W.

14.60 Canal, 10 lks. wide, 3 ft. deep, course SW.

22.00 Ascend abrupt S. slope, bears E. and W.

28.00 Top of abrupt ascent, 240 ft. above sec. cor., slopes SW.; ascend gradually over SW. slope, over ridge forming main divide of drainage, bears NE. and SW.

39.70 Rim of ridge, 320 ft. above sec. cor., bears NE. and SW.; abrupt descent over broken rocky NW. slope.

40.00 On abrupt NW. slope, 20 ft. below rim of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\frac{1}{4} \begin{array}{l} S29\ S28 \end{array}$$

1937

from which

A spruce, 10 ins. diam., bears S. 11° 15' E., 40 lks. dist., marked  $\frac{1}{4}$ S28BT.

A spruce, 8 ins. diam., bears S. 3° 15' W., 39 lks. dist., marked  $\frac{1}{4}$ S29BT.

Chains

58.00

Foot of abrupt descent, 310 ft. below  $\frac{1}{4}$  sec. cor., bears N. and SW.; thence along foot of rocky W. slope.

74.00

Ascend rocky SW. slope, bears S., and NW. 169 lks.

80.00

On rocky SW. slope, at base of sandstone ledge, 20 ft. high, about 1 ch. N. and S.; 60 ft. above foot of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28, and 29, with brass cap marked

T16S

R5E

S20

S21

S29

S28

1937

from which

Cross on sandstone ledge, 4 ft. above foot, bears N.  $24^{\circ} 30' E.$ , 26 lks. dist., marked S21XB0.

Cross on sandstone ledge, 4 ft. above foot, bears S.  $72^{\circ} 15' E.$ , 18 lks. dist., marked S28XB0.

A spruce, 14 ins. diam., bears S.  $36^{\circ} 30' W.$ , 312 lks. dist., marked T16SR5ES29BT.

A spruce, 18 ins. diam., bears N.  $85^{\circ} 45' W.$ , 368 lks. dist., marked T16SR5ES20BT.

Land, mountainous; rolling on S. portion, and steep broken slopes on N. portion of mile.

Soil, dark sandy mountain loam; rocky; 2nd to 3rd rate.

Timber, scattered spruce, balsam, and Douglas fir.

Undergrowth, scattered sagebrush, goose berry, and choke cherry; medium growth of weeds and grass.

Good grazing land.

East, on random line between secs. 21 and 28.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

79.80

Intersect N. and S. line, 3 lks. S. of the cor. of secs. 21, 22, 27, and 28.

Thence

S.  $69^{\circ} 59' W.$ , on true line between secs. 21 and 28.

Ascend abrupt SW. slope, through medium dense spruce and fir timber, and scattered undergrowth.

1.00

Top of ascent, 20 ft. above sec. cor., slopes S.; thence along S. slope.

25.00

Ascend abrupt SE. slope.

37.00

Spur, 130 ft. above sec. cor., projects N.  $70^{\circ} E.$ ; descend W. slope.

39.50

On NW. slope, 30 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked in

## Chains

$$\frac{1}{4} \begin{array}{c} S\ 21 \\ S\ 28 \end{array}$$

1937

from which

A spruce, 12 ins. diam., bears N. 31° 30' E., 18 lks. dist., marked  $\frac{1}{4}$ S21BT.

A spruce, 12 ins. diam., bears S. 58° E., 17 lks. dist., marked  $\frac{1}{4}$ S28BT.

- 49.00 Foot of descent, 50 ft. below  $\frac{1}{4}$  sec. cor., thence along N. slope.
- 55.00 Enter scattered timber, bears N. and S.
- 61.00 Ascend abrupt NE. slope.
- 73.50 Ridge and main divide of drainage, 340 ft. above foot of ascent, bears N. 20° W., and S. 20° E.; descend abrupt rocky W. slope.
- 79.80 The cor. of secs. 20, 21, 28, and 29, 400 ft. below ridge.

Land, mountainous.

Soil, dark rocky mountain loam; 2nd to 3rd rate.

Timber, spruce, balsam, and Douglas fir.

Undergrowth, scattered deer browse, sarsbrush, and choke cherry; medium growth of weeds and grass.

Good grazing land.

N. 0° 03' W., between secs. 20 and 21.

Ascend abrupt rocky SW. slope, over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth;

- 12.00 Top of ascent on side of ridge, 280 ft. above sec. cor., slopes W.; descend abrupt rocky NW. slope.
- 13.80 Sandstone ledge, 20 ft. high, bears NE. and SW.
- 21.00 Foot of abrupt descent, 280 ft. below top of ascent, bears NE. and SW.; descend over gentle E. slope.
- 25.00 Road, known as Skyline Drive, bears N. 60° E., and S. 60° W., descend NW. slope.
- 40.00 On NW. slope, 220 ft. below road.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{c} S20 \\ S21 \end{array}$$

1937

from which

A spruce, 12 ins. diam., bears N. 15° 30' E., 54 lks. dist., marked  $\frac{1}{4}$ S21BT.

A balsam, 10 ins. diam., bears N. 86° W., 33 lks. dist., marked  $\frac{1}{4}$ S20BT.

- 42.00 Leave timber, bears E. and W.

## Chains

- 53.00 Enter spruce and fir timber, bears E. and W.  
 57.00 Leave timber, bears E. and W.  
 62.00 Foot of descent, 140 ft. below  $\frac{1}{4}$  sec. cor., drains W.; ascend SW. slope.  
 65.00 Enter aspen timber, bears E. and W.  
 76.00 Spur, 80 ft. above foot of descent, slopes N. 30° W.; descend abrupt NE. slope, leaving aspen and entering spruce and fir timber.  
 80.00 On NE. slope, 130 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 16, 17, 20, and 21, with brass cap marked

T16S	R5E
S17	S16
S20	S21

1937

from which

A spruce, 10 ins. diam., bears N. 12° E., 39 lks. dist., marked T16SR5ES16BT.

A spruce, 8 ins. diam., bears S. 53° E., 31 lks. dist., marked T16SR5ES21BT.

A spruce, 8 ins. diam., bears S. 54° W., 12 lks. dist., marked T16SR5ES20BT.

A spruce, 6 ins. diam., bears N. 46° W., 64 lks. dist., marked T16SR5ES17BT.

Land, mountainous; steep slopes.

Soil, dark, sandy mountain loam; rocky; 2nd to 3rd rate.

Timber, spruce, balsam, Douglas fir and aspen on portions of mile.

Undergrowth, scattered deer browse, sagebrush, and choke cherry; medium growth of weeds and grass.

Good grazing land.

N. 89° 58' E., on random line between secs. 16 and 21.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.

- 79.80 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 15, 16, 21, and 22.

Thence

N. 89° 57' W., on true line between secs. 16 and 21.

Along gentle S. slope, over rolling top of spur, through medium dense spruce and fir timber, and scattered undergrowth.

- 14.00 Ridge and divide of drainage, bears N. and S.; thence over rolling top of ridge.

- 16.60 Road, known as Skyline Drive, bears N. and S.

- 30.00 Rim of ridge, bears N. and S. 30° W.; descend NW. slope.

## SUBDIVISION OF T. 16 S., R. 5 E.

## Chains

- 39.90 On NW. slope, 380 ft. below ridge.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\frac{1}{4} \begin{array}{c} S 16 \\ S 21 \end{array}$$
- 1937 from which
- A spruce, 14 ins. diam., bears S.  $51^{\circ}$  E., 21 lks. dist., marked  $\frac{1}{4}$ S21ST.
- A balsam, 12 ins. diam., bears N.  $41^{\circ}$  30' W., 21 lks. dist., marked  $\frac{1}{4}$ S16ST.
- 45.00 Stream of water, 4 lks. wide, course N.  $60^{\circ}$  W.
- 52.80 Stream of water, 5 lks. wide, in draw, 180 ft. below  $\frac{1}{4}$  sec. cor., course N.  $20^{\circ}$  W.; ascend abrupt NE. slope.
- 66.00 Top of ascent, 320 ft. above draw, slopes N.; thence along steep N. slope.
- 76.00 Ascend NE. slope.
- 79.80 The cor. of secs. 16, 17, 20, and 21, 350 ft. above draw.  
Land, mountainous; rolling on E. portion, and steep slopes on W. portion.  
Soil, dark, rich, sandy, mountain loam; rocky; red note.  
Timber, spruce, balsam, and Douglas fir.  
Undergrowth, scattered deer browse, scrubbrush, and choke cherry; medium growth of weeds and grass.  
Good grazing land.
- 
- N.  $0^{\circ}$  03' W., between secs. 16 and 17.  
Descend abrupt NE. slope, over mountainous land, through medium dense spruce, and fir timber, and scattered undergrowth.
- 11.60 Small stream of water, 3 lks. wide, course N.
- 15.60 Small stream of water, 3 lks. wide, course NE.
- 40.00 On NE. slope, 550 ft. below sec. cor.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\frac{1}{4} \begin{array}{c} S17 \\ S16 \end{array}$$
- 1937 from which
- A balsam, 14 ins. diam., bears N.  $35^{\circ}$  E., 19 lks. dist., marked  $\frac{1}{4}$ S16ST.
- A balsam, 12 ins. diam., bears N.  $46^{\circ}$  W., 28 lks. dist., marked  $\frac{1}{4}$ S17ST.
- 45.90 Oak Creek, a stream of water, 10 lks. wide, in canyon, 130 ft. below  $\frac{1}{4}$  sec. cor., course N.  $70^{\circ}$  W.; ascend SW. slope.

## SUBDIVISION OF T. 16 S., R. 5 E.

Chains

- 49.90 Road, bears NW. to Spring City, Ut., and SE.; leave spruce and fir, and enter medium dense aspen timber.
- 66.00 Top of ascent, 280 ft. above canyon, slopes W.; descend NW. slope.
- 72.10 Small draw, 90 ft. below top of ascent, course W.; ascend SW. slope.
- 80.00 On S. slope, 170 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16, and 17, with brass cap marked

T16S	R5E
S 8	S 9
S17	S16

1937

from which

An aspen, 8 ins. diam., bears W.  $39^{\circ}$  E., 36 lks. dist., marked T16SR5ES9BT.

An aspen, 6 ins. diam., bears S.  $67^{\circ}$  E., 12 lks. dist., marked T16SR5ES16BT.

An aspen, 6 ins. diam., bears S.  $15^{\circ}$  W., 17 lks. dist., marked T16SR5ES17BT.

An aspen, 8 ins. diam., bears W.  $68^{\circ}$  W., 28 lks. dist., marked T16SR5ES8BT.

Land, mountainous.

Soil, dark, sandy mountain loam; 2nd rate.

Timber, spruce, balsam, and Douglas fir on S. portion, and aspen on N. portion of mile.

Undergrowth, scattered deer browse, choke cherry, and goose berry; medium dense growth of weeds and grass. Good grazing land.

S.  $89^{\circ} 57'$  E., on random line between secs. 9 and 16.

- 40.00 Set temp.  $\frac{1}{2}$  sec. cor.

- 79.70 Intersect . and S. line, 9 lks. N. of the cor. of secs. 9, 10, 15, and 16.

Thence

N.  $89^{\circ} 53'$  W., on true line between secs. 9 and 16.

Ascend abrupt rocky NE. slope, over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.

- 5.00 Rocky spur, 80 ft. above sec. cor., slopes NW.; descend NW. slope.

- 80.00 Descend gradually along steep E. slope.

- 39.85 On E. slope, 500 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{2}$  sec. cor., with brass cap marked

## Chains

$$\frac{1}{4} \begin{array}{c} S 9 \\ S 16 \end{array}$$

1937

from which

A Douglas fir, 14 ins. diam., bears S. 73° E., 28 lks. dist., marked  $\frac{1}{4}$ S16BT.

A balsam, 10 ins. diam., bears N. 47° W., 50 lks. dist., marked  $\frac{1}{4}$ S9BT.

53.00 Spur, 30 ft. below  $\frac{1}{4}$  sec. cor., projects W. 60° W.; descend abrupt SW. slope, leaving spruce and fir, and entering scattered aspen timber.

58.25 Road, bears NW. to Spring City, Ut., and SE.

65.10 Road, bears S. 15° E. to Spring City, Ut., and N. 15° W.; enter dense aspen timber.

79.70 The cor. of secs. 8, 9, 16, and 17, 670 ft. below spur.

Land, mountainous.

Soil, dark sandy mountain loam; rocky; 2nd rate.

Timber, spruce, balsam, and Douglas fir on E. portion, and aspen on W. portion of mile.

Undergrowth, scattered deer browse, goose berry, and choke cherry; medium growth of weeds and grass.

Good grazing land.

N. 0° 03' W., between secs. 8 and 9.

Ascend abrupt SW. slope over mountainous land, through medium dense aspen timber, and scattered undergrowth.

7.00 Spur, 170 ft. above sec. cor., slopes W.; descend steep NE. slope, leaving timber.

11.00 Enter medium dense spruce and fir, and scattered aspen timber.

27.80 Draw, 575 ft. below spur, course W.; ascend steep SW. slope.

29.80 Trail, bears E. and W.; leave spruce and fir timber

40.00 On steep SW. slope, 270 ft. above draw.

Set an iron post, 3 ft. long; 1 in. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{c} S 8 \\ S 9 \end{array}$$

1937

from which

An aspen, 6 ins. diam., bears S. 60° E., 50 lks. dist., marked  $\frac{1}{4}$ S9BT.

An aspen, 6 ins. diam., bears N. 20° 30' W., 14 lks. dist., marked  $\frac{1}{4}$ S8BT.

44.00 Top of abrupt ascent; slopes SW.; thence ascend slightly along W. slope.



## Chains

2-16-00

65.00 Head of draw, 220 ft. above  $\frac{1}{4}$  sec. cor., course SW.; ascend abrupt S. slope, leaving aspen timber.

80.00 On abrupt S. slope, 210 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in mound of stone to top, for cor. of secs. 4, 5, 8, and 9, with brass cap marked

T16S	R5E
S 5	S 4
S 8	S 9

1937

deposit a sandstone,

8 x 6 x 5 ins., marked X at base of post.

Land, mountainous.

Soil, dark rich sandy loam; rocky; 2nd rate.

Timber, spruce, balsam, Douglas fir, and aspen on portions of mile.

Undergrowth, scattered deer browse, choke cherry, and goose berry; medium growth of weeds and grass.

Good grazing land.

S.  $89^{\circ} 53'$  E., on random line between secs. 4 and 9.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.78 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 3, 4, 9, and 10.

Thence

N.  $89^{\circ} 54'$  W., on true line between secs. 4 and 9.

Descend SW. slope, through scattered aspen timber, and scattered undergrowth.

23.00 Leave aspen, and enter spruce and fir timber, bears NW. and SE.

27.00 Draw, 690 ft. below sec. cor., course N.  $20^{\circ}$  W.; ascend NE. slope.

30.80 Trail, bears N.  $20^{\circ}$  W., and S.  $20^{\circ}$  E.

39.89 On NE. slope, 150 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S 4
	S 9

1937

from which

A balsam, 14 ins. diam., bears S.  $16^{\circ}$  W., 71 lks. dist., marked  $\frac{1}{4}$ S9BT.

A balsam, 6 ins. diam., bears N.  $60^{\circ}$  W., 41 lks. dist., marked  $\frac{1}{4}$ S4BT.

42.50 Top of ascent, 30 ft. above  $\frac{1}{4}$  sec. cor., slopes N.; descend NW. slope.

SUBDIVISION OF T. 16 S., R. 5 E.

Chains	
45.30	Draw, 50 ft. below top of ascent, course N. 30°E.; ascend NE. slope.
50.00	Leave timber, bears NW. and SE.
70.00	Spur, 600 ft. above draw, projects NW.; descend gradually along S. slope.
79.78	The cor. of secs. 4, 5, 8, and 9, 20 ft. below spur. Land, mountainous. Soil, dark sandy mountain loam; rocky; 2nd rate. Timber, spruce, balsam, Douglas fir, and aspen on portions of mile. Undergrowth, scattered deer browse, goose berry, and choke cherry; medium growth of weeds and grass. Good grazing land.
	N. 0° 03' W., between secs. 4 and 5. Ascend S. slope over mountainous land, through scattered undergrowth.
5.00	Spur, 100 ft. above sec. cor., projects W.; descend steep NW. slope.
20.00	Head of draw, 210 ft. below spur, course N. 60°W.; thence along W. slope.
31.00	Spur, slopes NW.; descend NE. slope.
36.00	Enter spruce and fir timber, bears E. and W.
38.00	Leave timber, bears E. and W.
40.00	On steep NE. slope, 230 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked $\begin{array}{c} \frac{1}{4} \\ S\ 5\   \ S\ 4 \\ 1937 \end{array}$ from which A balsam, 15 ins. diam., bears S. 4° 15' E., 330 lks. dist., marked $\frac{1}{4}$ S4BT. A balsam, 12 ins. diam., bears S. 45° 30' W., 275 lks. dist., marked $\frac{1}{4}$ S5BT.
53.00	Spur, 150 ft. below $\frac{1}{4}$ sec. cor., slopes N. 20°E.; descend NW. slope, entering spruce and fir timber.
63.12	On NW. slope, 310 ft. below spur. Intersect 3rd Stan. Par. S., S. 89° 24' W., 2.93 chs. dist., from standard cor. of secs. 32 and 33, heretofore described. At point of intersection Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in mound of stone to top, for closing cor. of secs. 4 and 5, with brass cap marked

Chains

T15SR5E  
S 32  
S 5 | S 4  
T16S | R5E  
CC  
1937

from which

A balsam, 4 ins. diam., bears S.63° 15'E., 59 lks. dist., marked CCBT.

A balsam, 10 ins. diam., bears S.4° 45'W., 28 lks. dist., marked T16SR5ES5CCBT.

Land, mountainous.

Soil, dark sandy mountain loam; rocky; 2nd rate.

Timber, spruce, balsam, and Douglas fir on portions of mile.

Undergrowth, scattered deer browse, goose berry, and choke cherry; medium growth of weeds and grass.

Good grazing land.

From the cor. of secs. 5, 6, 31, and 32 on S. bdy. of Tp., which is an iron post, 2 ins. diam., as described in the field notes of survey of T.17 S., R. 5 E., this group.

1. 0° 03' W., between secs. 31 and 32.

Ascend abrupt SE. slope over mountainous land, through scattered spruce and fir timber, and scattered undergrowth.

2.00 Top of abrupt ascent, 70 ft. above sec. cor., slopes E.; thence along E. slope.

15.00 Ascend SE. slope.

25.00 Enter medium dense spruce and fir timber, bears NW. and SE.

28.30 Road, known as Skyline Drive, bears NE. and SW.

34.00 Ridge and main divide of drainage, 300 ft. above sec. cor., bears N. 80°E., and S.80°W.; abrupt descent over N. slope.

40.00 On steep N. slope, 230 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S31 | S32  
1937

from which

A spruce, 24 ins. diam., bears N. 74° E., 29 lks. dist., marked  $\frac{1}{4}$ S32BT.

A spruce, 14 ins. diam., bears S. 83° W., 33 lks. dist., marked  $\frac{1}{4}$ S31BT.

69.00 Base of abrupt descent, 740 ft. below  $\frac{1}{4}$  sec. cor., thence descend gentle NW. slope.

76.10 Trail, bears NE. and SW.

77

SUBDIVISION OF T. 16 S., R. 5 E.

**Chains**

79.00 Stream of water, 10 lks. wide, in Burnt Out Fork, 800 ft. below  $\frac{1}{4}$  sec. cor., course NW.; ascend SW. slope.

80.00 On SW. slope, 10 ft. above stream.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31, and 32, with brass cap marked

T16S	R5E
S30	S29
S31	S32

1937

from which

A balsam, 8 ins. diam., bears N. 66° E., 30 lks. dist., marked T16SR5ES29BT.

A spruce, 14 ins. diam., bears S. 88° E., 45 lks. dist., marked T16SR5ES32BT.

A balsam, 8 ins. diam., bears S. 60° W., 129 lks. dist., marked T16SR5ES31BT.

A balsam, 6 ins. diam., bears N. 24° 30' W., 14 lks. dist., marked T16SR5ES30BT.

Land, mountainous; rolling slopes and SE. exposure on S. portion, and steep slopes with NW. exposure on N. portion of mile.

Soil, dark, sandy mountain loam; rocky; 2nd to 3rd rate.

Timber, spruce, balsam, and Douglas fir.

Undergrowth, scattered deer browse, choke cherry, and sagebrush; medium growth of weeds and grass.

Good grazing land.

East, on random line between secs. 29 and 32.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect the cor. of secs. 28, 29, 32, and 33.

Thence

West, on true line between secs. 29 and 32.

Over gentle SE. slope over rolling mountainous land, through scattered spruce and fir timber, and scattered undergrowth.

12.20 Wash, 10 lks. wide, 2 ft. deep, course S. 10° E.; ascend rolling SE. slope.

20.30 Canal, 10 lks. wide, 3 ft. deep, course S. 30° W.

28.40 Road, known as Skyline Drive, bears N. and S.

35.00 Ridge and main divide of drainage, 170 ft. above sec. cor., bears N. and S.; descend abrupt SW. slope, entering medium dense spruce and fir timber.

39.99 On SW. slope, 60 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

Chains

Station

$$\frac{1}{4} \begin{array}{r} S. 29 \\ S. 32 \end{array}$$

00.37

1937

from which

A balsam, 12 ins. diam., bears N. 16° 45' E., 36 lks. dist., marked  $\frac{1}{4}$  S29BT.

A balsam, 8 ins. diam., bears S. 9° E., 12 lks. dist., marked  $\frac{1}{4}$  S32BT.

46.10 Trail, bears N. 20° W., and S. 20° E.

54.00 Enter medium dense aspen and scattered spruce and fir timber, bears NW. and SE.

62.00 Enter scattered timber, bears N. and S.

79.98 The cor. of secs. 29, 30, 31, and 32, 870 ft. below  $\frac{1}{4}$  sec. cor.

Land, mountainous; rolling on E. portion, and steep slopes on W. portion of mile.

Soil, dark, rocky mountain loam; 2nd rate.

Timber, spruce, balsam, Douglas fir and aspen.

Undergrowth, scattered deer browse, sagebrush and choke cherry; medium growth of weeds and grass.

Good grazing land.

West, between secs. 30 and 31.

Descend SW. slope over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.

0.90 Stream of water, 10 lks. wide, course NW.

10.10 Draw, 160 ft. below sec. cor., course N. 30° W.; ascend abrupt NE. slope.

18.00 Enter dense aspen and scattered spruce and fir timber, bears NE. and SW.

21.80 Trail, bears NW. and SE.

30.50 Leave aspen timber, bears N. and S.

38.00 Spur, 290 ft. above draw, slopes NW.; descend abrupt SW. slope.

40.00 On SW. slope, 40 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\frac{1}{4} \begin{array}{r} S. 30 \\ S. 31 \end{array}$$

1937

from which

A balsam, 12 ins. diam., bears N. 36° 15' E., 78 lks. dist., marked  $\frac{1}{4}$  S30BT.

A balsam, 10 ins. diam., bears S. 29° 30' E., 155 lks. dist., marked  $\frac{1}{4}$  S31BT.

## Chains

44.00 Enter medium dense aspen timber, bears N. and S.

74.20 Stream of water, 10 lks. wide, in canyon, 1090 ft. below  $\frac{1}{4}$  sec. cor., course N.  $30^{\circ}$  W.; ascend NE. slope.

76.08 Intersect W. bdy. of Tp., S., 9.81 chs. dist., from the  $\frac{1}{4}$  sec. cor. of sec. 25, hereinafter described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 30 and 31, with brass cap marked

T16S	T16S
R4E	S30
S25	S31
	R5E

1937

from which

An aspen, 12 ins. diam., bears N.  $25^{\circ}$   $15'$  E., 128 l's. dist., marked T16SR5ES30CCBT.

An aspen, 9 ins. diam., bears S.  $82^{\circ}$   $45'$  E., 209 l's. dist., marked T16SR5ES31CCBT.

Land, mountainous; NW. drainage.

Soil, dark rich sandy mountain loam; 2nd rate.

Timber, spruce, balsam, Douglas fir and aspen.

Undergrowth, scattered deer browse, sagebrush, and choke cherry; medium growth of weeds and grass.

Good grazing land.

From the cor. of secs. 29, 30, 31, and 32.

N.  $0^{\circ}$   $03'$  W., between secs. 29 and 30.

Ascend SW. slope over mountainous land, through medium dense aspen and scattered spruce and fir timber, and scattered undergrowth.

0.50 Stream of water, 5 lks. wide, course W.

30.00 Spur, 110 ft. above sec. cor., slopes NW.; descend N. slope, leaving aspen and entering scattered spruce and fir timber.

40.00 On N. slope, 300 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$
S30   S29

1937

from which

A balsam, 6 ins. diam., bears S.  $5^{\circ}$   $15'$  E., 36 lks. dist., marked  $\frac{1}{4}$ S29BT.

A balsam, 6 ins. diam., bears S.  $22^{\circ}$  W., 66 lks. dist., marked  $\frac{1}{4}$ S30BT.

45.40 Temple Fork, a stream of water, 5 lks. wide, 200 ft. below  $\frac{1}{4}$  sec. cor., course N.  $70^{\circ}$  W.; ascend SW. slope,

## Chains

entering dense aspen timber.

56.50 Point of spur, 200 ft. above stream, slopes N.70°W.; descend abrupt N. slope, entering medium dense spruce and fir, and leaving aspen timber.

60.40 Trail, bears E. and W.

64.00 Accord Fork, a stream of water, 20 lks. wide, 280 ft. below spur, course S. 80°W.; ascend S. slope, leaving spruce and fir timber, and entering dense aspen.

80.00 On S. slope, 250 ft. above Accord Fork.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 20, 29, and 30, with brass cap marked

T16S	R5E
S19	S20
S30	S29

1937

from which

An aspen, 6 ins. diam., bears S.52° 45'E., 36 lks. dist., marked T16SR5ES20BT.

An aspen, 12 ins. diam., bears S.86° 45'E., 47 lks. dist., marked T16SR5ES29BT.

An aspen, 12 ins. diam., bears S.14° 15'W., 54 lks. dist., marked T16SR5ES30BT.

An aspen, 6 ins. diam., bears S.41° 30'W., 16 lks. dist., marked T16SR5ES19BT.

Land, mountainous; 1" exposure and drainage.

Soil, dark rocky mountain loam; 2nd rate.

Timber, spruce, balsam, Douglas fir and aspen.

Undergrowth, scattered deer browse, choke cherry, and sagebrush; medium growth of weeds and grass.

Good grazing land.

East, on random line between secs. 20 and 29.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

79.98 Intersect N. and S. line, 5 lks. W. of the cor. of secs. 20, 21, 28, and 29.

Thence

N. 89° 58'W., on true line between secs. 20 and 29.

Descend rocky SW. slope over mountainous land, through medium dense spruce and fir timber, and scattered undergrowth.

1.50 Base of rocky descent, 40 ft. below sec. cor., bears N. 30° W., and S.30°E.; descend gentle W. slope.

3.90 Road, known as Skyline Drive, bears N.10°W., and S.10°E.

10.00 Abrupt descent over SW. slope, bears N.30°W., and S.30°E.

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Chains	
38.30	Stream of water, 5 lks. wide, in draw, 860 ft. below sec. cor., course SW.; ascend along S. slope, entering dense aspen and scattered spruce and fir timber.
39.99	On S. slope, 20 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S\ 20 \\ \frac{1}{4} S\ 29 \end{array}$
	1937 from which
	An aspen, 12 ins. diam., bears N. 41° 30' E., 31 lks. dist., marked $\frac{1}{4}$ S20BT.
	An aspen, 12 ins. diam., bears S. 8° 30' W., 21 lks. dist., marked $\frac{1}{4}$ S29BT.
64.00	Leave timber, bears NW. and SE.
73.00	Descend SW. slope, entering dense aspen timber, bears N. and S.
79.98	The cor. of secs. 19, 20, 29, and 30, 280 ft. below $\frac{1}{4}$ sec. cor.
	Land, mountainous. Soil, dark sandy mountain loam; rocky; 2nd rate. Timber, spruce, balsam and Douglas fir on E. portion, and aspen on W. portion of mile. Undergrowth, scattered deer browse, choke cherry, and sagebrush; medium dense growth of weeds and grass. Good grazing land.
	West, between secs. 19 and 30.
	Ascend slightly along S. slope over mountainous land, through medium dense aspen and scattered undergrowth.
15.00	Top of ascent, 130 ft. above sec. cor., slopes S.; descend SW. slope.
24.00	Draw, 250 ft. below top of ascent, course S.; ascend SE. slope.
38.50	Top of ascent, 275 ft. above draw, slopes S.; descend SW. slope, entering medium dense spruce and fir, and scattered aspen timber.
40.00	On SW. slope, 60 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S\ 19 \\ \frac{1}{4} S\ 30 \end{array}$
	1937 from which
	A balsam, 10 ins. diam., bears S. 69° 45' E., 27 lks. dist., marked $\frac{1}{4}$ S30BT.
	A balsam, 8 ins. diam., bears N. 69° W., 22 lks. dist., marked $\frac{1}{4}$ S19BT.



## Chains

- 52.10 Draw, 470 ft. below  $\frac{1}{4}$  sec. cor., course S.20°W.; ascend SE. slope.
- 57.50 Top of ascent, 120 ft. above draw, slopes S.20°W.; descend SW. slope.
- 68.70 Draw, 350 ft. below top of ascent, course S. 30°W.; ascend SE. slope.
- 71.00 Enter scattered timber, and dense oak brush, bears N. and S.
- 75.84 On SE. slope, 90 ft. above draw.

Intersect the W. bdy. of Tp., S., 9.62 chs. dist. from  $\frac{1}{4}$  sec. cor. of sec. 24, hereinafter described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 19 and 30, with brass cap marked

	T16S	
T16S	S19	
R4E	S30	CC
S24	R5E	

1937

from which

A balsam, 6 ins. diam., bears N. 60° E., 127 lks. dist., marked T16SR5ES19CCBT.

A Limber Pine, 8 ins. diam., bears S.88° E., 147 lks. dist., marked T16SR5ES30CCBT.

Land, mountainous; steep slopes  
Soil, dark sandy mountain loam; rocky; 2nd rate.  
Timber, spruce, balsam, Douglas fir, and aspen.  
Undergrowth, deer browse, sagebrush, choke cherry, and oak; medium growth of weeds and grass.  
Good grazing land.

From the cor. of secs. 19, 20, 29, and 30.

N. 0° 03' W., between secs. 19 and 20.

Ascend S. slope over mountainous land, through medium dense aspen timber and scattered undergrowth.

- 10.00 Leave timber, bears E. and W.
- 24.50 Spur, 700 ft. above sec. cor., projects W.; descend NW. slope.
- 27.00 Enter medium dense spruce and fir timber, bears E. and W.
- 38.70 Old road, bears E. and W.
- 40.00 On NW. slope, 350 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

## Chains

S19	S20
-----	-----

1937

from which

A balsam, 12 ins. diam., bears S.14° 15'E., 19 lks. dist., marked  $\frac{1}{4}$ S20BT.

A balsam, 10 ins. diam., bears S.84° 45'W., 27 lks. dist., marked  $\frac{1}{4}$ S19BT.

- 42.40 Small stream of water, in draw, 50 ft. below  $\frac{1}{4}$  sec. cor., course N. 70°W.; thence along W. slope, entering medium aspen, and scattered spruce and fir timber.
- 60.00 Ascend gentle SW. slope, entering scattered aspen, and medium dense spruce and fir timber.
- 68.00 Spur, 80 ft. above draw, slopes N.70°W.; descend NW. slope.
- 79.70 Draw, 400 ft. below spur, course N.80°W.; ascend SW. slope.
- 80.00 On SW. slope, 15 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19, and 20, with brass cap marked

T16S	R5E
S18	S17
S19	S20

1937

from which

A balsam, 18 ins. diam., bears N.11° 30'E., 69 lks. dist., marked T16SR5ES17BT.

A balsam, 12 ins. diam., bears S.47° 15'E., 81 lks. dist., marked T16SR5ES20BT.

A balsam, 12 ins. diam., bears S. 44° W., 56 lks. dist., marked T16SR5ES19BT.

A balsam, 12 ins. diam., bears N.17° 30'W., 56 lks. dist., marked T16SR5ES18BT.

Land, mountainous.

Soil, dark sandy mountain loam; rocky; 2nd rate.

Timber, aspen, spruce, balsam, and Douglas fir,

Undergrowth, scattered deer browse, sagebrush, and choke cherry; medium growth of weeds and grass.

Good grazing land.

S. 89° 58'E., on random line between secs. 17 and 20

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect the cor. of secs. 16, 17, 20, and 21.

Thence

N. 89° 58'W., on true line between secs. 17 and 20.

Ascend NE. slope over mountainous land, through scattered spruce and fir timber, and scattered undergrowth.

Chains		Remarks
1.50	Spur, 10 ft. above sec. cor., slopes N. 20°W.; descend NW. slope.	
31.80	Draw, 730 ft. below spur, course N.; ascend E. slope.	
39.99	On E. slope, 120 ft. above draw. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked	
	$\frac{1}{4}$ S 17	
	S 20	
	1937	from which
	A balsam, 18 ins. diam., bears S. 6° 45'E., 42 lks. dist., marked $\frac{1}{4}$ S208T.	
	A balsam, 14 ins. diam., bears N. 23° 15'W., 26 lks. dist., marked $\frac{1}{4}$ S173T.	
41.00	Enter scattered aspen timber.	
50.00	Leave aspen and enter medium dense spruce and fir timber, bears N. and S.	
60.00	Spur, 700 ft. above $\frac{1}{4}$ sec. cor., projects N. 15°W.; descend W. slope.	
79.98	The cor. of secs. 17, 18, 19, and 20, 720 ft. below spur. Land, mountainous. Soil, dark sandy mountain loam; rocky; 2nd rate. Timber, spruce, balsam, Douglas fir and aspen on portions of mile. Undergrowth, scattered deer browse, sagebrush and choke cherry; medium growth of weeds and grass. Good grazing land.	
	West, between secs. 18 and 19. Descend SW. slope over mountainous land, through medium dense spruce and fir, and scattered aspen timber, and scattered undergrowth.	
1.00	Draw, 50 ft. below sec. cor., course N. 80°W.; descend along W. slope.	
25.00	Point of spur, 400 ft. below sec. cor., slopes NW.; descend W. slope.	
28.50	Old road, bears N. and S. from this point, SE. cor. of shed over sawmill bears N. 13° E., 8.95 chs. Spring, bears N. 21° 50'E., 10.84 chs. Galvanized trough, at spring bears N. 7° 58'E., 8.37 chs. water piped from spring to trough.	
32.80	Draw, 90 ft. below spur, course N.; ascend NE. slope.	
40.00	On NE. slope, 30 ft. above draw.	

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## Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 18  
 $\frac{1}{4}$   
S 19

1937

from which

A balsam, 8 ins. diam., bears N.  $7^{\circ} 15' E.$ , 66 lks. dist., marked  $\frac{1}{4} S18BT.$

A balsam, 6 ins. diam., bears S.  $4^{\circ} 30' W.$ , 15 lks. dist., marked  $\frac{1}{4} S19BT.$

54.00 Leave spruce and fir timber, and enter dense aspen, bears N. and S.

69.00 Spur, 450 ft. above  $\frac{1}{4}$  sec. cor., slopes NW.; descend NW. slope.

74.00 Enter medium dense spruce and fir, and scattered aspen timber, bears N. and S.

75.74 On NW. slope, 200 ft. below spur.

Intersect the W. bdy. of Tp., S., 9.60 chs. dist., from the  $\frac{1}{4}$  sec. cor. of sec. 13, hereinafter described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 18 and 19, with brass cap marked

T16S	T16S	
S18	S18	CC
R4E	S19	
S13	R5E	

1937

from which

A spruce, 12 ins. diam., bears W.  $48^{\circ} 45' E.$ , 6 lks. dist., marked T16SR5ES18CCBT.

A spruce, 12 ins. diam., bears S.  $41^{\circ} 30' E.$ , 106 lks. dist., marked T16SR5ES19CCBT.

Land, mountainous.

Soil, dark sandy mountain loam; rocky; 2nd rate.

Timber, spruce, balsam, Douglas fir and aspen.

Undergrowth, scattered deer browse, sagebrush and choke cherry; medium growth of weeds and grass.

Good grazing land.

From the cor. of secs. 17, 18, 19, and 20.

N.  $0^{\circ} 03' W.$ , between secs. 17 and 18.

Ascend SW. slope over mountainous land, through medium dense aspen and scattered spruce and fir timber, and scattered undergrowth.

18.00 Spur, 460 ft. above sec. cor., slopes N.  $30^{\circ} W.$ ; descend N. slope

36.20 Draw, 475 ft. below spur, course N.  $30^{\circ} W.$ ; descend NW. slope

## Chains

40.00 On NW. slope, 550 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

↑  
S18 | S17

1937

from which

A balsam, 6 ins. diam., bears N. 48° E., 96 lks. dist., marked  $\frac{1}{4}$  S17BT.

A balsam, 10 ins. diam., bears S. 3° W., 66 lks. dist., marked  $\frac{1}{4}$  S18BT.

60.00 Road, bears S. 60° W. to Spring City, Ut., and N. 60° E.; descend abrupt N. slope.

78.70 Old road, bears E. and W.

80.00 On abrupt N. slope, 850 ft. below  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, with brass cap marked

T16S	R5E
S 7	S 8
S18	S17

1937

from which

A spruce, 5 ins. diam., bears N. 39° E., 15 lks. dist., marked T16SR5ES8BT.

A spruce, 8 ins. diam., bears S. 47° E., 18 lks. dist., marked T16SR5ES17BT.

A spruce, 8 ins. diam., bears S. 57° W., 18 lks. dist., marked T16SR5ES18BT.

A spruce, 8 ins. diam., bears N. 63° W., 25 lks. dist., marked T16SR5ES7BT.

Land, mountainous;  
Soil, dark sandy mountain loam; rocky; 2nd rate.  
Timber, medium dense aspen and scattered spruce, balsam and Douglas fir.  
Undergrowth, medium growth of deer browse, and scattered choke cherry; medium growth of weeds and grass.  
Good grazing land.

S. 89° 58' E., on random line between secs. 8 and 17.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.96 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 8, 9, 16, and 17.

Thence

S. 89° 57' W., on true line between secs. 8 and 17.

## SUBDIVISION OF T. 16 S., R. 5 E.

Chains	
0.00	Descend SW. slope over mountainous land, through medium dense aspen timber and scattered undergrowth.
9.00	Enter dense choke cherry brush, leaving timber, bears N. and S.
20.00	Enter scattered undergrowth, and medium dense aspen timber bears N. and S.
27.20	Old road, bears N. and S.; descend gentle SW. slope, enter spruce and balsam and scattered aspen timber.
39.98	On gentle SW. slope, 775 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \text{S } 8 \\ \frac{1}{4} \text{ } \\ \hline \text{S } 17 \end{array}$
	1937. from which
	A balsam, 10 ins. diam., bears N. $31^{\circ}$ E., 72 lks. dist., marked $\frac{1}{4}$ S8BT.
	A balsam, 6 ins. diam., bears S. $48^{\circ}$ E., 17 lks. dist., marked $\frac{1}{4}$ S17BT.
40.20	Oak Creek, a stream of water, 15 lks. wide, in canyon, 10 ft. below $\frac{1}{4}$ sec. cor., course N. about 4 chs., thence NW.; ascend NE. slope.
43.60	Old road, bears NW. and SE.
45.00	Top of ascent, 50 ft. above creek, bears NW. and SE.; thence along S. side of low spur.
61.00	Abrupt descent over SW. slope, from spur, projecting NW.; enter dense aspen and scattered spruce and fir timber.
71.25	Stream of water, 5 lks. wide, in ravine, 270 ft. below spur, course NW.; ascend along steep N. slope.
79.96	The cor. of secs. 7, 8, 17 and 18.
	Land, mountainous. Soil, dark sandy mountain loam; rocky; 2nd rate. Timber, aspen, spruce, balsam, and Douglas fir. Undergrowth, choke cherry, deer browse and scattered sagebrush; medium growth of weeds and grass. Good grazing land.
	West, between secs. 7 and 18.
	Along steep N. slope over mountainous land, through dense aspen, spruce, and fir timber, and medium dense undergrowth.
2.00	Descend abrupt NW. slope.
9.10	Stream of water, 10 lks. wide, in draw, 100 ft. below sec. cor., course N.; ascend abrupt E. slope.
10.90	Old road, bears N. and S.
18.50	Road, bears N. to Spring City, Ut., and S.

## Chains

Enlarged

- 25.00 Spur, 430 ft. above draw, projects N.; descend W. slope.
- 39.90 Road, bears SW. to Spring City, Ut., and NE.
- 40.00 On W. side of road, on W. slope, 350 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- |               |      |  |
|---------------|------|--|
| $\frac{1}{4}$ | S 7  |  |
|               | S 18 |  |
- 1937
- from which
- A balsam, 8 ins. diam., bears S.85° 30'W., 42 lks. dist., marked  $\frac{1}{4}$ S18BT.
- An aspen, 6 ins. diam., bears N.19° 15'W., 41 lks. dist., marked  $\frac{1}{4}$ S7BT.
- 43.00 Draw, 40 ft. below  $\frac{1}{4}$  sec. cor., course N.; ascend over rolling E. slope.
- 46.30 Road, bears NW. to Spring City, Utah, and SE.
- 52.00 Top of ascent 30 ft. above draw, slopes N.; descend gentle W. slope.
- 61.25 Road, bears S. to sawmill, and N.
- 64.80 Road, bears S.30°E. to sawmill and N.30°W.
- 70.00 Descend abrupt W. slope, bears N. and S.; leave timber.
- 75.78 At foot of abrupt descent, 210 ft. below top of ascent, bears N. and S.
- Intersect W. bdy. of Tp., S., 9.60 chs. dist., from  $\frac{1}{4}$  sec. cor. of sec. 12, hereinafter described.
- At point of intersection
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 7 and 18, with brass cap marked
- |      |      |    |
|------|------|----|
| T16S | T16S |    |
| R4E  | S 7  | CC |
| S12  | S18  |    |
|      | R5E  |    |
- 1937
- from which
- A maple, 5 ins. diam., bears N.38°E., 84 lks. dist., marked T16SR5ES7CCBT.
- A maple, 6 ins. diam., bears S. 35° E., 108 lks. dist., marked T16SR5ES18CCBT.
- Land, mountainous.
- Soil, dark sandy mountain loam; rocky; 2nd rate.
- Timber, aspen, spruce, balsam, and Douglas fir.
- Undergrowth, deer browse, choke cherry, young aspen, and sagebrush. medium growth of weeds and grass.
- Good grazing land.

## Chains

From the cor. of secs. 7, 8, 17, and 18.

N. 0° 03' W., between secs. 7 and 8.

Descend abrupt N. slope over mountainous land, through medium dense aspen, spruce and fir timber, and medium dense undergrowth.

3.00 Oak Creek, a stream of water, 15 lks. wide, in canyon, 150 ft. below sec. cor., course N. 70° W., about 4 chs., thence NW.; ascend SW. slope.

11.00 Top of ascent, 70 ft. above creek, bears NW. and E.; thence along W. slope.

16.00 Ascend gradual SW. slope.

40.00 On SW. slope, 280 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S 7 | S 8

1937

from which

An aspen, 6 ins. diam., bears S. 21° 45' E., 28 lks. dist., marked  $\frac{1}{4}$  S8BT.

An aspen, 6 ins. diam., bears S. 75° 30' W., 16 lks. dist., marked  $\frac{1}{4}$  S7BT.

48.00 Top of ascent, 50 ft. above  $\frac{1}{4}$  sec. cor., slopes W.; descend NW. slope.

53.20 Stream of water, 5 lks. wide, in draw, 110 ft. below top of ascent, course SW.; thence along W. slope.

56.40 Stream of water, 3 lks. wide, course SW.; ascend SE. slope, entering oak, brush, medium dense aspen and scattered spruce and fir.

76.00 Enter medium dense spruce and fir, and scattered aspen timber, and leave oak brush, bears E. and W.

78.50 Ridge, 450 ft. above draw, bears E. and W.; descend gentle N. slope.

80.00 On gentle N. slope, 15 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, with brass cap marked

T16S | R5E  
 S 6 | S 5  
 S 7 | S 8

1937

from which

An aspen, 8 ins. diam., bears N. 62° 30' E., 47 lks. dist., marked T16SR5ES5BT.

A balsam, 8 ins. diam., bears S. 71° 30' E., 48 lks. dist., marked T16S R5ES8BT.



SUBDIVISION OF T. 16 S., R. 5 E.

90

Chains

A balsam, 12 ins. diam., bears S. 14° W., 81 lks. dist., marked T16SR5ES7BT.

A balsam, 10 ins. diam., bears N. 73° W., 30 lks. dist., marked T16SR5ES6BT.

Land, mountainous.

Soil, dark sandy mountain loam; rocky; 2nd rate.

Timber, aspen, spruce, balsam, and Douglas fir.

Undergrowth, deer browse, choke cherry, sagebrush, and oak brush; medium growth of weeds and grass.

Good grazing land.

N. 89° 57' E., on random line between secs. 5 and 8.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.86 Intersect the cor. of secs. 4, 5, 8, and 9.

Thence

S. 89° 57' W., on true line between secs. 5 and 8.

Ascend gradually along SE. slope over mountainous land, through scattered undergrowth.

20.69 Spur, 80 ft. above sec. cor., slopes SW.; descend abrupt NW. slope.

32.00 Enter medium dense spruce and fir, and scattered aspen timber, bears NE. and SW.

39.93 On abrupt NW. slope, 470 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{r} S 5 \\ S 8 \end{array}$$

1937

from which

A balsam, 8 ins. diam., bears N. 5° E., 67 lks. dist., marked  $\frac{1}{4}$ S5BT.

A balsam, 10 ins. diam., bears S. 17° 15' E., 26 lks. dist., marked  $\frac{1}{4}$ S8BT.

52.00 Descend abrupt W. slope, entering dense aspen timber, and willows.

55.00 Leave willows, bears N. and S.

60.00 Small stream of water, in draw, 340 ft. below  $\frac{1}{4}$  sec. cor., course SW.; ascend along S. slope.

65.00 Trail, bears NW. and SE.

67.80 Trail, bears NW. and SE.

76.00 Ridge, 30 ft. above draw, bears N. 70° E., and S. 70° W.; thence along N. slope.

79.86 The cor. of secs. 5, 6, 7, and 8.

Land, mountainous.

SUBDIVISION OF T. 16 S., R. 5 E.

Chains	<p>Soil, dark sandy mountain loam; rocky; 2nd rate. Timber, spruce, balsam, Douglas fir and aspen. Undergrowth, scattered deer browse, choke cherry, and sagebrush; medium growth of weeds and grass. Good grazing land.</p> <hr/> <p>West, between secs. 6 and 7.</p> <p>Along W. slope over mountainous land, through medium dense aspen, spruce, and fir timber, and medium dense undergrowth.</p> <p>6.50 Ridge, 20 ft. above sec. cor., bears N. 60° W., and S. 60° E.; descend SW. slope.</p> <p>28.60 Head of draw, 350 ft. below ridge, course S.; ascend SE. slope</p> <p>37.00 Spur, 120 ft. above draw, slopes SW.; descend W. slope, entering medium dense spruce and fir, and scattered aspen timber, and scattered oak brush.</p> <p>40.00 On W. slope, 30 ft. below spur.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked</p> <div><div>S 6</div><div>S 7</div></div> <p>1937 from which</p> <p>A balsam, 14 ins. diam., bears N. 25° E., 7 lks. dist., marked S6BT.</p> <p>A balsam, 14 ins. diam., bears S. 63° W., 17 lks. dist., marked S7BT.</p> <p>75.66 On W. slope, 820 ft. below sec. cor.</p> <p>Intersect W. bdy. of Tp., S., 9.53 chs. dist., from sec. cor. of sec. 1, hereinafter described.</p> <p>At point of intersection.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 6 and 7, with brass cap marked</p> <div><div>T16S T4E S 1</div><div><div>T16S S 6</div><div>S 7</div><div>R5E</div></div><div>CC</div></div> <p>1937 from which</p> <p>A balsam, 14 ins. diam., bears N. 63° 30' E., 19 lks. dist., marked T16SR5ES6CCBT.</p> <p>A balsam, 10 ins. diam., bears S. 55° E., 45 lks. dist., marked T16SR5ES7CCBT.</p> <p>Land, mountainous. Soil, dark sandy mountain loam; rocky; 2nd rate. Timber, spruce, balsam, Douglas fir and aspen. Undergrowth, deer browse, choke cherry, oak, and sagebrush.</p>
--------	--

Chains

20100

Medium growth of weeds and grass. Good grazing land.

From the cor. of secs. 5, 6, 7, and 8.

N. 0° 03'W., between secs. 5 and 6.

Descend gentle N. slope over mountainous land, through scattered aspen timber, and scattered undergrowth.

19.00 Enter scattered spruce and fir timber.

26.00 Descend abrupt N. slope, bears E. and W.

29.00 Foot of abrupt descent; descend gradual NW. slope, entering dense spruce and fir timber.

33.40 Head of small draw, 490 ft. below sec. cor., course N. 30° E.; thence along E. slope.

38.00 Descend NW. slope.

40.00 In head of small draw, 540 ft. below sec. cor., course N. 30° E.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ S\ 6\ | \ S\ 5 \end{array}$$

1937

from which

.. An aspen, 10 ins. diam., bears S. 69° 45' E., 14 lks. dist., marked  $\frac{1}{4}$  S5BT.

.. A balsam, 12 ins. diam., bears S. 20° 15' W., 42 lks. dist., marked  $\frac{1}{4}$  S6BT.

Thence along E. slope.

50.60 Descend N. slope, entering scattered oak brush.

60.00 Descend NE. slope.

62.25 On NE. slope, 330 ft. below  $\frac{1}{4}$  sec. cor.

Intersect 3rd Stan. Par. S., S. 89° 24' W., 5.68 chs. dist., from standard cor. of secs. 31 and 32, heretofore described

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 5 and 6, with brass cap marked

$$\begin{array}{c} T15SR5E \\ S\ 31 \\ \hline S\ 6\ | \ S\ 5 \\ T16S\ | \ R5E \\ CC \end{array}$$

1937

from which

A Douglas fir, 8 ins. diam., bears S. 30° E., 15 lks. dist., marked T16SR5ES5CCBT.

## SUBDIVISION OF T. 16 S., R. 5 E.

## Chains

A Douglas fir, 10 ins. diam., bears S.39° 45'W., 33 lks. dist., marked T16SR5ES6CCBT.

Land, mountainous.

Soil, dark sandy mountain loam; rocky; 2nd rate.

Timber, spruce, balsam, Douglas fir and aspen.

Undergrowth, deer browse, choke cherry, oak, and sagebrush; medium growth of weeds and grass.

Good grazing land.

## DEPENDENT RESURVEY OF W.BLY., T. 16 S., R. 5 E.

Resurvey of W. bdy. of T. 16 S., R. 5 E., supplementing the survey made by Howard W. Miller, Surveyor, in 1913.

This resurvey was made to establish  $\frac{1}{2}$  sec. cor. between closing corners, referring to this township. A new record of topographic features is not recorded.

From the witness cor. to  $\frac{1}{2}$  sec. cor. of secs. 31 and 36, on W. bdy. of T. 16 S., R. 5 E., which is an iron post, 1 in. diam., set, marked and witnessed by mound of stone, as described in the official records, 2 chs. 1. of true position for  $\frac{1}{2}$  sec. cor.

As this cor. becomes witness cor. to  $\frac{1}{2}$  sec. cor. of sec. 36 only, I obliterate the marks on brass cap referring to sec. 31. The brass cap is now marked

S36  
WC  
1913

Thence

North, along E. bdy. of sec. 36, distance counted from true point for  $\frac{1}{2}$  sec. cor.

30.17 Mid-distance between the closing cor. of Tps. 16 and 17 S., R. 5 E., and the closing cor. of secs. 30 and 31.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{2}$  sec. cor. of sec. 31 only, with brass cap marked

$\frac{1}{2}$   
S31

1937

from which

A spruce, 24 ins. diam., bears N.54° 15'E., 49 lks. dist., marked  $\frac{1}{2}$ S31BT.

A spruce, 12 ins. diam., bears N.70° 15'E., 77 lks. dist., marked  $\frac{1}{2}$ S31BT.

40.00

The cor. of secs. 25, 30, 31, and 36, which is an iron post, 3 ins. diam., set, marked and witnessed by four bearing trees as described in the official records.

As this cor. now becomes the cor. of secs. 25 and 36 only, I obliterate the marks on brass cap and bearing trees referring to secs. 30 and 31. The brass cap is now marked

Chains

Chains

T16S

R4E

R5E

S25

S36

S31

1913

North, along E. bdy. of sec. 25.

30.19 The closing cor. of secs. 30 and 31, heretofore described

40.00 The  $\frac{1}{4}$  sec. cor., which is an iron post, 1 in. diam., set, marked and witnessed by two bearing trees as described in official records.

As this cor. now becomes  $\frac{1}{4}$  sec. cor of sec. 25 only, I obliterate the marks on brass cap and bearing tree referring to sec. 30. The brass cap is now marked

 $\frac{1}{4}$ 

S25

1913

from which

Old bearing tree.

An aspen, 8 ins. diam., bears S.41° 30'W., 21 lks. dist., marked  $\frac{1}{4}$ S25BT.

New bearing tree.

An aspen, 8 ins. diam., bears N.61° 30'W., 30 lks. dist., marked  $\frac{1}{4}$ S25BT.

70.29 Mean distance between the closing cor. of secs. 30 and 31, and the closing cor. of secs. 19 and 30.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 30 only, with brass cap marked

 $\frac{1}{4}$ 

S30

1937

from which

A balsam, 6 ins. diam., bears N. 33° E., 9 lks. dist., marked  $\frac{1}{4}$ S30BT.

A balsam, 6 ins. diam., bears S.14° 30'E., 30 lks. dist., marked  $\frac{1}{4}$ S30BT.

80.00 The cor. of secs. 19, 24, 25, and 30, which is an iron post, 3 ins. diam., set, marked and witnessed by four bearing trees as described in the official records.

As this cor. now becomes cor. of secs. 24 and 25 only, I obliterate the marks on brass cap and bearing trees referring to secs. 19 and 30. Brass cap is now marked

T16S

R4E

R5E

S24

S25

S30

1913

## DEPENDENT RESURVEY OF W. BDY., T. 16 S., R. 5 E.

## Chains

North along E. bdy. of sec. 24.

30.38 The closing cor. of secs. 19 and 30, heretofore described.

40.00 The  $\frac{1}{4}$  sec. cor., which is an iron post, 1 in. diam., set marked and witnessed by two bearing trees as described in the official records.

As this cor. now becomes  $\frac{1}{4}$  sec. cor. of sec. 24 only, I obliterate marks on brass cap and bearing tree referring to sec. 19. The brass cap is now marked

$\frac{1}{4}$   
S24

1913

70.39 Mean distance between the closing cor. of secs. 19 and 30, and the closing cor. of secs. 18 and 19.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 19 only, with brass cap marked

$\frac{1}{4}$   
S19

1937

from which

A spruce, 10 ins. diam., bears S. 50° 30' E., 155 lks. dist., marked  $\frac{1}{4}$  S19BT

No other suitable bearing trees available. Raise a mound of stone 3 ft. base, 2 $\frac{1}{2}$  ft. high E. of cor.

80.00 The cor. of secs. 13, 18, 19, and 24, which is an iron post, 3 ins. diam., set, marked and witnessed by four bearing trees as described in the official records.

As this cor. now becomes cor. of secs. 13 and 24 only, I obliterate the marks on brass cap and bearing trees referring to secs. 18 and 19. Brass cap is now marked

T16S  
R4E | R5E  
S13 |  
S24 | S19

1913

North, along E. bdy. of sec. 13

30.40 The closing cor. of secs. 18 and 19, heretofore described.

40.00 The  $\frac{1}{4}$  sec. cor., which is an iron post, 1 in. diam., set, marked and witnessed by two bearing trees as described in the official record.

As this cor. now becomes the  $\frac{1}{4}$  sec. cor. of sec. 13 only, I obliterate the marks on brass cap and bearing tree referring to sec. 18. The brass cap is now marked

$\frac{1}{4}$   
S13

1913

## Chains

70.40 Mean distance between the closing cor. of secs. 18 and 19, and the closing cor. of secs. 7 and 18.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 18 only, with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ S18 \end{array}$$

1937

from which

A Douglas fir, 12 ins. diam., bears S. 6° E., 69 lks. dist., marked  $\frac{1}{4}$ S18BT.

No other suitable bearing tree available. Deposit a sandstone, 6 x 6 x 6 ins., marked with a cross (X) at base of post.

80.00 The cor. of secs. 7, 12, 13, and 18, which is an iron post, 3 ins. diam., set, marked, and witnessed by mound of stone as described in the official records.

As this cor. now becomes the cor. of secs. 12 and 13, only, I obliterate the marks on brass cap referring to secs. 7 and 18. The brass cap is now marked.

$$\begin{array}{c} T16S \\ R4E \mid R5E \\ S12 \mid S18 \\ S13 \mid \end{array}$$

1913

---

North, along E. bdy. of sec. 12

30.40 The closing cor. of secs. 7 and 18, heretofore described.

40.00 The  $\frac{1}{4}$  sec. cor., which is an iron post, 1 in. diam., set, marked and witnessed by two bearing trees as described in the official record.

As this cor. now becomes the  $\frac{1}{4}$  sec. cor. of sec. 12 only, I obliterate the marks on brass cap referring to sec. 7, and bearing tree in sec. 7. The brass cap is now marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ S12 \end{array}$$

1913

70.44 Mean distance between the closing cor. of secs. 7 and 18, and the closing cor. of secs. 6 and 7.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 7 only, with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ S7 \end{array}$$

1937

from which

A balsam, 8 ins. diam., bears N. 80° E., 46 lks. dist., marked  $\frac{1}{4}$ S7BT.

## DEPENDENT RESURVEY OF W.. BDY., T. 16 S., R. 5 E.

## Chains

A balsam, 5 ins. diam., bears S. 50°E., 47 lks. dist., marked  $\frac{1}{4}$ S7BT.

80.00 True point for cor. of secs. 1, 6, 7 and 12, in Oak Creek.

82.05 The witness cor. of secs. 1, 6, 7, and 12, which is an iron post, 3 ins. diam., set, marked and witnessed by one bearing tree and mound of stone as described in the official records.

As this cor. now becomes the witness cor. to secs. 1 and 12 only, I obliterate the marks on brass cap referring to sec. 6 and 7. The brass cap is now marked

T16S	
R4E	R5E
S 1	
S12	S7
WC	
1913	

From true point for cor. of secs. 1 and 12.

North, along E. bdy. of sec. 1.

2.05 the witness cor. of secs. 1 and 12.

30.47 The closing cor. of secs. 6 and 7, heretofore described.

40.00 The  $\frac{1}{4}$  sec. cor., which is an iron post, 1 in. diam., set, marked and witnessed by mound of stone as described in the official records.

As this cor. now becomes the  $\frac{1}{4}$  sec. cor. of sec. 1 only, I obliterate the marks on brass cap referring to sec. 6. The brass cap is now marked

$\frac{1}{4}$
S 1
1913

70.47 Northing of 40.00 chs. from the closing cor. of secs. 6 and 7.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 6 only, with brass cap marked

$\frac{1}{4}$
S 6

1937

from which

An oak, 5 ins. diam., bears N. 32° E., 23 lks. dist., marked  $\frac{1}{4}$ S6BT.

An oak, 5 ins. diam., bears S. 16° 30' E., 10 lks. dist., marked  $\frac{1}{4}$ S6BT.

92.10 The closing cor. of Tps. 16 S., Rs. 4 and 5 E., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records.



## Chains

## FINAL TEST OF INSTRUMENTS, T. 16 S., R. 5 E.

Sept. 12, 1937, at camp located near the center of sec. 22, T. 16 S., R. 5 E., every hour from 7-30 to 10-30 a.m., and from 1-30 to 4-30 pm., we make proper settings on the arcs of the solar attachments of each instrument, and ascertain that the resulting orientation of the instruments when compared with the meridian established by Polaris observations, has a maximum error of less than 1' 30".

## GENERAL DESCRIPTION, T. 16 S., R. 5 E.

T. 16 S., R. 5 E., is located within the Manti National Forest, and is mountainous in character, varying in elevation above sea level, from about 11,200 ft. in the NE. cor. of sec. 33, the highest point, to about 8,000 ft. in Black Canyon in NE. cor. of sec. 36, and in Oak Creek, in sec. 7.

A ridge, dividing the drainage of Sevier Valley to the west, and Joe's Valley to the east, extends in a northeasterly and southwesterly direction through secs. 2, 11, 10, 15, 16, 21, 28, 29, 32, and 31. The elevation of this ridge varies from about 11,200 ft. in sec. 28, to about 10,500 ft. High spurs extend northwesterly and southeasterly from the ridge, breaking off with steep slopes into deep canyons and draws. The main drainage from the ridge is northwesterly, formed by Oak Creek and Cedar Creek and tributaries, and southeasterly, formed by Black Canyon, and Bulger Canyon, and tributaries. Oak Creek, heads in sec. 16, and drains westerly and northwesterly through secs. 16, 17, 8, and leaves the township in sec. 7. Cedar Creek, heads in sec. 3, and drains northwesterly, leaving the township in sec. 4. Black Canyon, heads in sec. 15, and drains southeasterly through secs. 15, 22, 23, 26, 25, and leaves the township in sec. 36. Bulger Canyon heads in sec. 11, and drains easterly leaving the township in sec. 12.

Small streams of clear water are found in the canyons and draws throughout the township. Canals have been constructed across the heads of the drainage of Bulger Canyon in secs. 11, 1, and 2, and Black Canyon in secs. 10, 11, 14, and in sec. 16, diverting the flood water through low passes of the main divide ridge from the east side to the drainage of the west.

The soil of this township consists of a rocky sandy clay loam, rich in humus, and may be classed as 2nd rate. The soil supports an abundant growth of weeds and grass, and scattered undergrowth of sagebrush, choke cherry, service berry, and deer browse. Along the west side of the township dense oak brush is encountered.

There is a medium growth of spruce, balsam, and Douglas fir of commercial value, ranging from young trees to trees 30 ins. diam., and scattered patches of aspen found throughout the township.

A road, known as the Skyline Drive, constructed by the Forest Service, extends northeasterly and southwesterly through the township, following near the top of the divide ridge. A road from Spring City, Utah, extends through secs. 7, 18, 17, 16, and 9, joining the Skyline Drive in sec. 16. Also through out the township are numerous trails, making all parts accessible.

No part of the township is suitable for cultivation, the surface being cut and broken with steep slopes of canyons and draws, but is valuable and extensively used during the summer months for the grazing of sheep and cattle, there being an abundant growth of weeds and grass affording excellent forage. Also considerable

GENERAL DESCRIPTION, T. 16 S., R. 5 E.

Chains

timber is taken from the township by the nearby settlers.  
There are no settlers located within the township, and  
no indications of valuable minerals, oil, oil shale, or  
coal were found.  
The mean magnetic declination was found to be 16°30'E.

Order

**4-680**  
(Revised May 1934)

## FIELD ASSISTANTS

NAMES	CAPACITY
Everett Harrison	Chairman
Clark Bird	Chairman
Spencer Black	Flagman
Bernard Roberts	Flagman
Nels Rust	Flagman
Eugene Kirkpatrick	Cornerman
Ladd Gardner	Cornerman
Key Bunker	Cornerman
Goerge Kalmar	Axeman
LeRoy Anderson	Axeman
John A. Gorder	Axeman
Luther E. Egertsen	Axeman
Richard P. Euoff	Axeman
George Trayner, Jr.	Axeman

# CERTIFICATE OF UNITED STATES SURVEYOR

We, Ralph Gentry, Cadastral Engineer, and Kenneth C. Vincent,  
Public Land Surveyor, HEREBY CERTIFY upon honor that

pursuance of special instructions bearing date of the 10th day of July, 1935,  
received from the district cadastral engineer for Utah, with supplemental ~~with~~ assignment  
instructions dated June 12, 1937, <sup>we</sup> have surveyed the subdivisional lines  
T. 16 S., R. 5 E., and dependently resurveyed the 3rd Stan. Par. S.,  
through R. 5 E., and the west boundary of T. 16 S., R. 5 E.,  
and the west boundary of T. 16 S., R. 6 E.,  
of the Salt Lake Meridian, in the State of Utah, which are  
represented in the foregoing field notes as having been executed by ~~us~~ and under ~~my~~ <sup>our</sup> direction; and that said  
survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey  
of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.  
Ralph Gentry, Cadastral Engineer.  
Kenneth C. Vincent, Public Land Surveyor.

## CERTIFICATE OF APPROVAL

OFFICE OF ~~US~~ SUPERVISOR OF SURVEYS,

Denver, Colo., July 6, 1943.

The foregoing field notes of the survey of the subdivisional lines, T. 16 S., R. 5 E.,  
and of the dependently resurvey of the 3rd Stan. Par. S., through R. 5 E.,  
and of the west boundary of T. 16 S., R. 5 E., and the west  
boundary of T. 16 S., R. 6 E.,

executed by Ralph Gentry, Cadastral Engineer, and Kenneth C. Vincent,  
Public Land Surveyor,  
under special instructions dated July 12, 1935, and supplemental ~~with~~ assignment  
instructions dated June 12, 1937, having been critically examined, and  
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey  
therein described, are hereby approved.

*Thomas H. Allen*  
Acting Assistant ~~US~~ Supervisor of Surveys.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in  
is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
~~GENERAL LAND OFFICE~~  
Bureau of Land Management

## FIELD NOTES

U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
SALT LAKE CITY, UTAH

1751836

OF THE DEPENDENT RESURVEY OF THE

CASTLE VALLEY GUIDE MERIDIAN OR EAST BOUNDARY,

SECOND GUIDE MERIDIAN EAST OR WEST BOUNDARY,

SOUTH BOUNDARY

AND THE

SUBDIVISIONAL LINES OF

TOWNSHIP 10 SOUTH, RANGE 9 EAST

Of the Salt Lake Meridian,

the State of Utah.

## EXECUTED BY

J. C. CLARK, SURVEYOR

under special instructions dated December 15, 1936, which provided  
for the surveys included under Group No. 296, bearing the approval of the  
Commissioner of the General Land Office under date of February 8, 1939  
and assignment instructions dated May 9, 1940.

Survey commenced July 28, 1940.

Survey completed September 30, 1940.

# INDEX DIAGRAM.

Township 16 South, Range 9 East

24	6	8	7	5	6	8	4	5	6	3	4	5	2	3	5	1	8
	86			85			67			55			44			34	
23	7	8	3	8	6	6	9	5	4	10	4	3	11	3	3	12	7
	82			81			65			53			42			32	
21	18	7	9	17	6	3	16	5	1	15	4	1	14	3	1	18	6
	78			77			63			50			40			30	
19	19	7	6	20	6	1	21	5	0	22	3	9	23	2	9	24	5
	74			74			60			49			39			28	
18	20	7	3	29	5	9	28	4	8	27	3	8	26	2	7	25	4
	72			71			58			47			37			26	
16	21	7	0	28	5	7	28	4	6	24	3	6	25	2	5	28	1
	15			14			13			12			11			10	

## TOWNSHIP 16 SOUTH, RANGE 9 EAST

Survey commenced July 28, 1940, and executed by J. C. Clark, Surveyor, with a W. and L. E. Gurley solar transit, serial No. 38118. The description, condition and approval of the instrument and the method of measurements are given in the Test of Instrument on page 1 of the official field notes of T. 15 S., R. 9 E., Group No. 296; and the final test of instrument, on July 28, 1940, in the official record of T. 15 S., R. 9 E., serves as the initial test for the survey of T. 16 S., R. 9 E., in this same group.

The directions of the lines were determined by the solar transit method.

August 8, 1940, in camp in the SE.  $\frac{1}{4}$  of sec. 24, T. 16 S., R. 9 E., at 10h 36.9m p. m., l. m. t., or 11h 0.4m p. m. by my watch, which reads correct 105th meridian time as determined by radio signals, I observe Polaris at eastern elongation, making two sights each with the telescope in direct and reversed positions, and place a nail at the mean point on a peg driven firmly in the ground 10 chains N.

After sunrise, I lay off the azimuth of Polaris,  $1^{\circ}19'30''$ , and make a meridian mark on a second peg, 23.13 lks. (15.27 ft.) to the west of the mean point in the line determined by the observation; I verify the angle by a vernier reading of the instrument.

August 11 and 25, and September 22, 1940, the instrument was tested on this meridian every 30 minutes during the hours suitable for solar work, and it was ascertained that the solar attachment determined positions for meridians that agreed within  $1'30''$  of the meridian established from Polaris observations.

The E., W. and S. boundaries and the meridional section lines of the township were checked by time hour angle observations upon Polaris; latitude and declination were determined at noon whenever practicable, and the instrument was tested frequently and kept in adjustment during the progress of the survey of this township.

Before reconstructing or restoring the corners on the dependent resurveys, the lines of the original surveys were retraced, and search was made for evidence of the original corners and accessories. After the corners were identified or restored, their positions were remonumented and witnessed.

The rules of proportionate measurement were followed in order to locate the position of each lost corner, after completing the retracements to connect with the identified original corners. After the reestablishment of all corners the true lines were blazed through the timber.

The retracement data were submitted to the Public Survey Office for examination and verification at the conclusion of the field work. Therefore, the true line notes, which refer only to the completed dependent resurvey, are given in this book.

The approximate geographic position for the SE. cor. of the Tp. is as follows: latitude  $39^{\circ}23' N.$ , and longitude  $110^{\circ}51' W.$

The observed general average magnetic declination is  $16^{\circ}10'$  east, which gives the magnetic bearing of the true meridian,  $N.16^{\circ}10'W.$

**DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 16 S., R. 9 E.,  
OR CASTLE VALLEY GUIDE MERIDIAN, AS ORIGINALLY SURVEYED IN 1873  
AND RESURVEYED IN 1881 BY A. D. FERRON, U. S. DEPUTY SURVEYOR**

Commence at the restored point for cor. of Tps. 16 and 17 S., Rs. 9 and 10 E., which is located at the center and intersection of two roads, fenced, each 3 rods in width, one bearing approximately north and south and the other about east and west.



CASTLE VALLEY GUIDE MERIDIAN

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 16 S., R. 9 E.

Chains

The Tp. cor. monument is missing, but its true point or original location has been preserved and identified to me by the interested and adjoining land owners, as being north  $1\frac{1}{2}$  rods dist. and west  $1\frac{1}{2}$  rods dist. from the NW. cor. of the fenced patented land which is the SE. cor. of the intersection of the roads.

At point for cor. at the center and point of intersection of the two roads.

Deposit a sandstone, 6x6x2 ins., mkd. X, 18 ins. in the ground, for cor. of Tps. 16 and 17 S., Rs. 9 and 10 E.

From the true cor. point,

S.  $45^{\circ} 00'$  E. 53 lks. dist., alongside of a cedar post, which is the NW. cor. of a field fenced with barb wire.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for witness cor. of Tps. 16 and 17 S., Rs. 9 and 10 E., with brass cap mkd.

WC	
T163	
R9E	R10E
836	831
S1	S6
T17S	
1940	

raise a mound

of stone, 4 ft. base,  $2\frac{1}{2}$  ft. high, S. of cor.

Thence, from the restored Tp. cor. point,

N.  $0^{\circ} 23'$  W., on a true line on a dependent resurvey along the E. bdy. of T. 16 S., R. 9 E., bet. secs. 31 and 36.

Asc. gradual S. slope 60 ft. to the restored point for  $\frac{1}{4}$  sec. cor., along the center of the main traveled graded road, bearing northerly to State Highway No. 10 and southerly to Cleveland, Utah.

11.20 The SW. cor. of William Stoke's frame farm house, 40x25 ft., bears east 1.15 chs. dist.

19.06 The NE. cor. of Irving Franklin's stucco farm house, 28x26 ft., bears west 1.72 chs. dist.

20.10 An irrigation ditch, 3 lks. wide, 1 ft. deep, drains E.

40.13 Proportionate point for  $\frac{1}{4}$  sec. cor. falls in the middle of the well traveled road; there is no evidence of the original  $\frac{1}{4}$  sec. cor.

Deposit a sandstone, 8x5x3 ins., mkd. X, 18 ins. in the ground, for the restored  $\frac{1}{4}$  sec. cor., from which

A cottonwood, 18 ins. diam., bears S.  $80^{\circ} 32'$  E., 177 lks. dist., mkd.  $\frac{1}{4}$  S 31 E T.

From the restored  $\frac{1}{4}$  sec. cor., the SW. cor. of Niels Oveson's frame farm house, 28x25 ft., bears N.  $49^{\circ} 15'$  E. 8.30 chs. dist.

From the restored  $\frac{1}{4}$  sec. cor.,

West,  $37\frac{1}{2}$  lks. dist. on the W. bdy. of the road.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness  $\frac{1}{4}$  sec. cor., with brass cap mkd.

336 331 WC  
1940

CATTLE VALLEY GUIDE MERIDIAN

DEPENDENT RECOVERY OF THE EAST BOUNDARY OF T. 26 S., R. 9 E.

Chains

from which

A cottonwood, 18 ins. diam., bears S. 82° 05' E., 215 lks. dist., mkd.  $\frac{1}{4}$  S 31 B T.

This is the same tree as used to witness the restored cor. point.

As there are no trees available in sec. 36, I raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

47.60 Irrigation ditch, 4 lks. wide, 1 ft. deep, drains S. 20° E.

80.26 Proportionate point for the cor. of secs. 25, 30, 31, and 36, 35 ft. above the restored  $\frac{1}{4}$  sec. cor., falls in the middle of the main traveled graded road; there is no evidence of the original cor. of secs. 25, 30, 31, and 36...

Deposit a sandstone, 6x5x3 ins., mkd. X, 18 ins. in the ground, for the restored cor. of secs. 25, 30, 31, and 36, from which

A cottonwood, 9 ins. diam., bears N. 35° 30' E., 108 lks. dist., mkd. T 16 S R 10 E S 30 B T.

A cottonwood, 10 ins. diam., bears S. 83° 11' W., 429 lks. dist., mkd. T 16 S R 9 E S 36 B T.

A cottonwood, 13 ins. diam., bears N. 51° 09' W., 106 lks. dist., mkd. T 16 S R 9 E S 25 B T.

From the restored cor. of secs. 25, 30, 31, and 36, the chimney on David Timothy's frame farm house, 28x14 ft., bears N. 24° 06' W.

From the restored cor. of secs. 25, 30, 31, and 36.

S. 89° 57' W., 37 $\frac{1}{2}$  lks. dist. on the W. bdy. of the road.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. of secs. 25, 30, 31, and 36, with brass cap mkd.

T16S	
R9E	R10E
S25	S30
S36	S31 WC
1940	

from which

A cottonwood, 9 ins. diam., bears N. 49° 42' E., 134 lks. dist., mkd. T 16 S R 10 E S 30 B T.

A cottonwood, 10 ins. diam., bears S. 83° 30' W., 392 lks. dist., mkd. T 16 S R 9 E S 36 B T.

A cottonwood, 13 ins. diam., bears N. 33° 00' W., 80 lks. dist., mkd. T 16 S R 9 E S 25 B T.

These are the same trees as used to witness the restored cor. point.

There are no trees available in sec. 31; therefore, I raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Land, gently rolling, draining easterly; fenced cultivated farm lands on each side of road.

Soil, red sandy clay loam, 1st. and 2nd. rate.

Timber, few scattering cottonwood.

Undergrowth, sparse shadeleaf and yellow top.

## CASTLE VALLEY GUIDE MERIDIAN

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 16 S., R. 9 E.

Chains

From the restored point for cor. of secs. 25, 30, 31, and 36,

N.  $0^{\circ} 23'$  W., bet. secs. 25 and 30.Asc. gradually 20 ft. to the restored point for  $\frac{1}{4}$  sec. cor., over rolling land, along the middle of the main traveled road, bearing northerly to State Highway No. 10 and southerly to Cleveland, Utah.8.60 Wash, 60 lks. wide, 12 ft. deep, drains S.  $80^{\circ}$  E.

33.10 From this point, a graded road, bears southeasterly to Elmo, Utah.

40.13 Proportionate point for  $\frac{1}{4}$  sec. cor. falls in the middle of the well traveled road; there is no evidence of the original  $\frac{1}{4}$  sec. cor.Deposit a sandstone,  $8 \times 5 \times 3$  ins., mkd. X, 18 ins. in the ground, for the restored  $\frac{1}{4}$  sec. cor., from whichA cottonwood, 12 ins. diam., bears N.  $70^{\circ} 28'$  E., 248 lks. dist., mkd.  $\frac{1}{4}$  S 30 B T.From the restored  $\frac{1}{4}$  sec. cor., the chimney on David Timothy's frame farm house,  $28 \times 14$  ft., bears S.  $63^{\circ} 53'$  W.From the restored  $\frac{1}{4}$  sec. cor.,West,  $37\frac{1}{2}$  lks. dist. on the W. bdy. of the road.Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S25 | S30 WC  
 1940

from which

A cottonwood, 12 ins. diam., bears N.  $73^{\circ} 11'$  E., 284 lks. dist., mkd.  $\frac{1}{4}$  S 30 B T.

This is the same tree as used to witness the restored cor. point.

As there are no trees available in sec. 25, I raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

60.10 Leave middle of the road, bears N.  $19^{\circ} 26'$  W. to State Highway No. 10 and S.  $0^{\circ} 23'$  E. to Cleveland, Utah; continue over gently rolling uncultivated land, through sparse undergrowth to sec. cor.

66.80 Branch of Cleveland canal, stream of clear water, 20 lks. wide, 2 ft. deep, course SE.

71.90 Branch of Cleveland canal, stream of clear water, 20 lks. wide, 2 ft. deep, from S.  $20^{\circ}$  W., course N.  $20^{\circ}$  E.

77.10 Same canal as noted at 71.90 chs., from SE., course NW.

80.26 Intersect the original cor. of secs. 19, 24, 25, and 30, which is a limestone,  $11 \times 11 \times 5$  ins., marked with 4 notches on N. and 2 notches on S. edges, loosely set 4 ins. in the ground and surrounded by a small mound of stone, but no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 19, 24, 25, and 30, with brass cap mkd.

MAINTENANCE OF GASTRICK VALLEY GUIDE MERIDIAN

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 16 S., R. 9 E.

Chains

T168	
R9E	R10E
S24	S19
S25	S30
1940	

from which

A cottonwood, 12 ins. diam., bears N. 50° 53' E., 224 lks. dist., mkd. T 16 S R 10 E S 19 B T.

A cottonwood, 12 ins. diam., bears S. 58° 28' E., 647 lks. dist., mkd. T 16 S R 10 E S 30 B T.

There are no trees available in secs. 24 and 25.

This cor. is located 20 ft. below the restored 1/4 sec. cor.

From this cor. the SE. cor. of Gran E. Wilson's frame house, 25x25 ft., bears N. 43° 35' W. 12.97 chs. dist.

Land, rolling and gently rolling, draining easterly; sandstone and limestone formation.

Soil, red sandy clay loam, 1st to 3rd rate.

Timber, a few scattering cottonwood.

Undergrowth, shadscale, salt brush, and yellow top; very little grass.

N. 0° 23' W., bet. secs. 19 and 24.

Over nearly level and gently rolling land, through scattering undergrowth.

6.20 Leave undergrowth.

6.40 Canal, dry, 25 lks. wide, 4 ft. deep, drains NW.; enter alfalfa field, bears NW. and SE.

19.70 Leave alfalfa field, bears E. and W.; thence along the middle of narrow road or lane, bears N.

20.05 From this point, a narrow road or lane, bears W.

40.10 A four strand barbed wire fence, bears E. and W. on the N. side of the road or lane, bearing S. and W.; enter cultivated land.

40.24 Proportionate point; there is no evidence of the original 1/4 sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap mkd.

1/4

S24	S19
-----	-----

1940

from which

A boxelder, 10 ins. diam., bears S. 76° 04' E., 66 lks. dist., mkd. 1/4 S 19 B T.

A cottonwood, 14 ins. diam., bears S. 30° 46' W., 548 lks. dist., mkd. 1/4 S 24 B T.

From this cor., the following houses are located:

# CASTLE VALLEY GUIDE MERIDIAN

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 16 S., R. 9 E.

Chains

acres

The NW. cor. of Charles Johansen's old log farm house, 18x16 ft., bears S. 30° 30' E. 3.20 chs. dist.

The center of the roof of Charles Johansen's frame house, 32x26 ft., bears S. 62° 43' W. 14.63 chs. dist.

The SE. cor. of Samuel Naylor's log farm house, 37x17 ft., bears S. 62° 42' W. 13.39 chs. dist.

47.40 A four strand barbed wire fence, bears E. and W.

53.80 A four strand barbed wire fence, bears E. and W.

79.90 Stream of clear water, 4 lks. wide, 1 ft. deep, is irrigation ditch, course E.

80.48 Proportionate point; there is no evidence of the original cor. of secs. 13, 18, 19, and 24.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a sandstone, 8x4x2 ins., mkd. X, deposited at the base, for cor. of secs. 13, 18, 19, and 24, with brass cap mkd.

T16S	
R9E	R10E
S13	S18
S24	S19
1940	

from which

A cottonwood, 45 ins. diam., bears S. 75° 55' W., 347 lks. dist., mkd. T 16 S. R 9 E S 24 B T.

There are no trees available in secs. 13, 18, and 19.

Land, nearly level and gently rolling, draining easterly.

Soil, red sandy clay loam, 1st and 2nd rate.

Timber, scattering and groves of cottonwood and boxelder.

Undergrowth, shadscale and yellow top; dense willows along ditches and canals.

N. 0° 23' W., bet. secs. 13 and 18.

Over level cultivated land,

7.70 A main wash, 120 lks. wide, 25 ft. deep, drains S. 60° E.

11.80 Wash, 40 lks. wide, 8 ft. deep, drains SE.

19.60 Old wagon road, bears E. and W.

22.90 The NE. cor. of Melvin Staker's frame farm house, 26x26 ft., bears west 9.57 chs. dist.

30.50 Leave level cultivated land, bears NW. and SE.; asc. 25 ft. to  $\frac{1}{4}$  sec. cor., over rolling land or hills, through medium dense undergrowth.

31.80 Line hits the SW. cor. of Ernest Jansen's log cabin, 18x16 ft.

32.05 The SE. cor. of William Staker's frame farm house, 33x26 ft., bears west 5.41 chs. dist.

40.24 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 14x10x8 ins. marked  $\frac{1}{4}$  on W. face, firmly set 6 ins. in the ground and witnessed by the W. by a small mound of stone.

CASTLE VALLEY GUIDE MERIDIAN

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 16 S., R. 9 E.

Chains

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$

S13

S18

1940

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

This cor. stands at the top of ascent, bearing easterly and north-westerly.

Thence,

N.  $0^{\circ} 26'$  W.; with continuous measurement:

44.40 Graded road, bears N.  $52^{\circ} 15'$  W. to State Highway No. 10 and S.  $52^{\circ} 15'$  E. to Elmo, Utah.

47.90 Swale, 20 ft. below  $\frac{1}{4}$  sec. cor., drains E.; asc. general SE. slope 40 ft. to sec. cor.

50.10 Canal, stream of clear water, 15 lks. wide, 2 ft. deep, from S.  $64^{\circ} 30'$  W.; course N.  $76^{\circ} 30'$  E.

59.40 Old wagon road, bears NW. and SE.

80.45 Intersect the original cor. of secs. 7, 12, 13, and 18, which is a sandstone,  $11 \times 7 \times 5$  ins., marked with 2 notches on N. and 4 notches on S. edges, firmly set 6 ins. in the ground, and witnessed on the W. by a small mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 7, 12, 13, and 18, with brass cap mkd.

T16S

R9E | R10E

S12 | S7

S13 | S18

1940

raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, nearly level cultivated lands, S. 30.50 chs.; rolling, remainder of mile; drainage easterly and southeasterly; sandstone and limestone formation.

Soil, red sandy clay loam and gray clay; 1st to 4th rate.

Timber, scattering and groves of cottonwood on cultivated land.

Undergrowth, shadscale, yellow top, rabbit brush, and willows; fair growth of gramma grass on rolling land.

N.  $0^{\circ} 17'$  W., bet. secs. 7 and 12.

Asc. gradual SE. slope 60 ft., over rolling land, through medium dense undergrowth.

CASCADE VALLEY GUIDE MERIDIAN

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 14 N. R. 12 E.

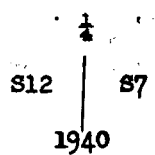
Chains

entled

21.80 Spur, projects NE. about 3 chs. dist.; a prominent peak bears SW. approximately 7 chs. dist.; desc. 95 ft. to  $\frac{1}{4}$  sec. cor., over abrupt NW. slope.

25.60 Base of abrupt descent, 55 ft. below spur, bears NE. and SW.; desc. gentle NW. slope to

40.19 Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.



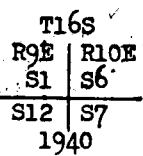
of stone,  $3\frac{1}{2}$  ft. base, 2 ft. high, W. of cor. raise a mound

Continue gradual descent of 20 ft. over nearly level land.

79.40 Swale, drains SE.; asc. gentle SW. slope 5 ft. to

80.38 Proportionate point; there is no evidence of the original cor. of secs. 1, 6, 7, and 12.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a sandstone, 7x5x3 ins., mkd. X, deposited at the base, for cor. of secs. 1, 6, 7, and 12, with brass cap mkd.



There are no other accessories available.

Land, rolling, draining easterly and southeasterly; sandstone formation.

Soil, rocky red sandy clay loam and gray clay; 2nd to 4th rate.

Undergrowth, salt brush, shadscale, yellow top, and white sagebrush; sparse growth of gramma grass.

No timber.

Fair winter grazing land.

N. 0° 17' W., bet. secs. 1 and 6.

Asc. gradual SW. slope 20 ft. to  $\frac{1}{4}$  sec. cor., through medium dense undergrowth.

33.20 Old wagon road, bears NW. and SE.

40.19 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 16x9x8 ins. marked  $\frac{1}{4}$  on W. face, firmly set 8 ins. in the ground and surrounded by a small mound of stone, but no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

## CASTLE VALLEY GUIDE MERIDIAN

## DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 16 S., R. 9 E.

## Chains

$\frac{1}{2}$   
 S1 | S6  
 1940

raise a mound

of stone, 4 ft. base, 2 ft. high, W. of cor.

Thence,

N.  $1^{\circ} 20'$  W., with continuous measurement.

- 46.20 Spur, 50 ft. above  $\frac{1}{2}$  sec. cor., projects W. about 2 chs. dist.; desc. 15 ft.
- 49.70 Draw, drains W.; asc. S. slope 110 ft.
- 59.10 S. edge of bench, bears SE. and W.; over nearly level top.
- 65.70 N. edge of bench, bears E. and W.; desc. abrupt N. slope 110 ft. to
- 70.20 Base of steep descent; bears E. and W.; desc. more gradual N. slope 35 ft. to the restored point for closing Tp. cor.
- 79.19 Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for witness closing cor. of Tps. 16 S., Rs. 9 and 10 E., with brass cap mkd.

WC  
 T15SR9E  
 S36  
 S1 | S6  
 R9E | R10E  
 T16S  
 CC  
 1940

raise a mound

of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.

This cor. stands on gentle N. slope, 25 ft. below base of abrupt descent.

- 80.19 Intersect the Third Standard Parallel South, at the proportionate point for closing cor. of Tps. 16 S., Rs. 9 and 10 E., N.  $89^{\circ} 56'$  W. 42 lks. dist. from the standard cor. of Tps. 15 S., Rs. 9 and 10 E., which is a sandstone, 8x8x6 ins. above ground, firmly set, marked and witnessed as described in the official record of the survey of T. 16 S., R. 9 E., in this group.

There is no evidence of the original closing cor. of Tps. 16 S., Rs. 9 and 10 E.; and the proportionate or restored point for said closing Tp. cor. falls in a wash, 15 lks. wide, 5 ft. deep, draining from SE. to N.  $80^{\circ}$  E., making the establishment of a cor. monument impracticable.

Land, nearly level or gentle SW. slope, S.  $\frac{1}{2}$  mile; rocky, rolling, and rolling mountains, N.  $\frac{1}{2}$  mile; sandstone formation; drainage SE.

Soil, rocky red sandy clay and gray clay, 3rd to 4th rate.

Undergrowth, salt brush, shadscale, yellow top and rabbit brush; poor to fair growth of grama and bunch grass.

Fair winter grazing land.

No timber.



## DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T. 17 S., R. 9 E.

amended

Chains

DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T. 17 S., R. 9 E.,  
AS ORIGINALLY SURVEYED IN 1873 AND RESURVEYED IN 1880 BY  
A. D. FERRON, U. S. DEPUTY SURVEYOR

Commence at the restored cor. of Tps. 16 and 17 S., Rs. 9 and 10 E.,

S. 89° 27' W., on a true line on a dependent resurvey along the N.  
bdy. of T. 17 S., R. 9 E., bet. secs. 1 and 36.Along middle of level dirt road, 3 rods in width, with a barbed-wire  
fence on each side.40.20 Proportionate point for  $\frac{1}{4}$  sec. cor. falls in the middle of the road;  
there is no evidence of the original  $\frac{1}{4}$  sec. cor.Deposit a sandstone, 10x6x2 ins., mkd. X., 18 ins. in the ground, for  
the restored  $\frac{1}{4}$  sec. cor.From the restored  $\frac{1}{4}$  sec. cor.,North,  $37\frac{1}{2}$  lks. dist. on the N. bdy. of the road.Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,  
for witness  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S36

 $\frac{1}{2}$ 

S1

WC

1940

raise a mound

of stone, 4 ft. base,  $2\frac{1}{2}$  ft. high, N. of cor.Begin gradual ascent of 100 ft. to sec. cor., over rolling general E.  
slope.61.20 Leave dirt road, bears E., and N. to John Anderson's farm house; enter  
scattering undergrowth.65.30 Cleveland canal, stream of clear water, 30 lks. wide, 2 ft. deep,  
course N. 10° W.66.00 Old wagon road, bears N. 10° E. to John Anderson's farm and W.;  
thence along road.

71.00 Leave wagon road, bears E. and N. 70° W.

80.40 Proportionate point; there is no evidence of the original cor. of  
secs. 1, 2, 35, and 36.Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground,  
for cor. of secs. 1, 2, 35, and 36, with brass cap mkd.

T16SR9E

S35 | S36

S2 | S1

T17S

1940

raise a mound

of stone, 4 ft. base, 2 ft. high, W. of cor.

From this cor., the NW. cor. of John Anderson's frame farm house,  
32x30 ft., bears N. 66° 57' E.

Land, level and rolling, draining easterly; sandstone formation.

Soil, red sandy clay loam, and gray and blue clay, 1st to 4th rate.

Timber, a few scattering cottonwood.

DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T. 17 S., R. 9 E.

Chains

Undergrowth, shadscale, yellow top, and white sagebrush: scattering grama grass on rolling land.

Grazing, fair on rolling land.

S. 89° 27' W., bet. secs. 2 and 35.

Over rolling land, through medium dense undergrowth; asc. S. slope 70 ft.

- 4.50 E. edge of bench, bears NW. and SW.; over nearly level top.
- 8.30 W. edge of bench, bears N. 10° W. and S.; desc. W. slope 20 ft.
- 10.10 Wash, 10 lks. wide, 1 ft. deep, drains N.
- 17.40 Wash, 20 lks. wide, 5 ft. deep, in the bottom of draw, drains N. 60° E.; asc. 55 ft.
- 22.40 E. edge of bench, bears N. 70° E. about 4 chs. dist., thence N. 20° W., and S. 60° E.; asc. gradually 10 ft. across top.
- 31.00 W. edge of bench, bears NW. and SE.; desc. 25 ft.
- 33.70 Wash, 20 lks. wide, 2 ft. deep, in the bottom of draw, heads N. about 20 chs. dist., drains SE.; asc. 25 ft.
- 36.00 E. edge of bench, bears N. 20° W. and SE.; asc. gradually 15 ft. to  $\frac{1}{4}$  sec. cor., over nearly level top.
- 40.20 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 16x9x6 ins., marked  $\frac{1}{4}$  on N. face, firmly set 8 ins. in the ground and surrounded by a few stones, but no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S35  
 $\frac{1}{4}$  ———  
 S2  
 1940

raise a mound

of stone,  $3\frac{1}{2}$  ft. base, 2 ft. high, N. of cor.

Thence,

S. 89° 24' W., with continuous measurement.

Continue over level top.

- 46.80 Old wagon road, bears NW. and SE.
- 55.20 W. edge of bench, bears N. 20° W. and S. 20° E.; desc. 35 ft.
- 59.30 Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains S. 20° E.; asc. gradually 35 ft. to sec. cor., over nearly level top of bench.
- 71.10 Telephone line, bears N. 69° 14' E. to the line bet. Price and Huntington, Utah, and S. 69° 14' E. to Cleveland, Utah.
- 73.80 Old wagon road, bears N. 30° W. and S. 30° E.
- 80.51 Intersect the original cor. of secs. 2, 3, 34, and 35, which is a sandstone, 13x12x4 ins., marked with 2 grooves on E. and 4 grooves on W. faces, loosely set 4 ins. in the ground, but no evidence of accessories.

## DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T. 17 S., R. 9 E.

BM1930

## Chains

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 2, 3, 34, and 35, with brass cap mkd.

T16SR9E

S34|S35

S3|S2

T17S

1940

raise a mound

of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, rolling and broken benches, draining easterly and southeasterly; sandstone and limestone formation.

Soil, rocky red sandy clay, 3rd rate.

Undergrowth, shadscale, white sagebrush, and salt brush; fair to good growth of gramma and bunch grass.

No timber, Good winter grazing land.

S.  $89^{\circ} 22'$  W., b. t. secs. 3 and 34.

Desc. gradually 35 ft., over nearly level top of bench, through medium dense short undergrowth.

15.00

Leave bench, bears N. and S., enter rolling land.

18.30

Wash, 20 lks. wide, 3 ft. deep, in the bottom of draw, drains S.  $70^{\circ}$  W., asc. 15 ft.

28.50

Top of ascent on S. slope; desc. 35 ft. to

40.14

Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone,  $13 \times 12 \times 4$  ins. loosely set 7 ins. in the ground, and marked  $\frac{1}{4}$  on N. face, but no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S34

 $\frac{1}{4}$  —

S3

1940

raise a mound

of stone, 3 ft. base, 2 ft. high, N. of cor.

Thence,

S.  $89^{\circ} 27'$  W., with continuous measurement.

44.00

Wash, 20 lks. wide, 2 ft. deep, 10 ft. below  $\frac{1}{4}$  sec. cor., drains S.  $10^{\circ}$  E.; asc. E. slope 35 ft.

53.20

E. edge of bench, bears N. and S.; gradual ascent of 10 ft., over nearly level top.

59.20

N. edge of bench, bears N.  $30^{\circ}$  W. and S.  $30^{\circ}$  E.; desc. gentle SW. slope 20 ft. to witness cor. of secs. 3, 4, 33, and 34.

64.00

Wash, 20 lks. wide, 2 ft. deep, drains S.  $20^{\circ}$  E.

U. S. DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT  
 . . . . . DEPARTMENT RESERVE OF THE NORTH BOUNDARY OF T. 17 S., R. 9 E.

Chains	
68.20	Old wagon road grade, bears N. 20° E. and S. 20° W.
72.30	Telephone line, bears N. 34° 40' E. to Price, Utah, and S. 34° 40' W. to Huntington, Utah.
73.50	Utah State Highway No. 10, paved, bears N. 36° 15' E. to Price and S. 36° 15' W. to Huntington.
78.87	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. of secs. 3, 4, 33, and 34, with brass cap marked
	<div style="text-align: center;">           T1689E            S33 S34            WC            S4 S3            T178            1940         </div>
	raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.
	Over level land to
80.37	Proportionate point; there is no evidence of the original cor. of secs. 3, 4, 33, and 34.
	The proportionate point for this sec. cor. falls on the W. bank of a wash, 15 lks. wide, 4 ft. deep, draining SE., where the establishment of a cor. monument is impracticable. Cor. not set.
	Land, level and rolling benches, draining SE.; sandstone and limestone formation.
	Soil, red sandy clay, shallow on tops and slopes, deep in bottoms, 1st to 4th rate.
	Undergrowth, shadscale, white sagebrush, yellow top, and salt brush; fair to good growth of gramma and bunch grass.
	No timber. Good winter grazing land.
	From the proportionate point for cor. of secs. 3, 4, 33, and 34, S. 89° 27' W., bet. secs. 4 and 33.
	Over nearly level bottom of hollow; through dense undergrowth.
3.50	A main wash, 80 lks. wide, 20 ft. deep, drains SE.
13.90	Leave level bottom of hollow, bears N. 60° W. and S. 60° E.; asc. NE. slope 140 ft.
18.20	E. edge of bench, bears N. 60° W. and S. 60° E.; over level top.
36.00	W. edge of bench, bears N. 10° W. approximately 10 chains distant, thence northwesterly and SW. about 6 chains distant, thence westerly; desc. W. slope 30 ft. to
40.23	Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 11x10x5 ins., marked $\frac{1}{4}$ on N. face, firmly set 5 ins. in the ground and surrounded by a few stones, with no other accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

## DEPENDENT RESERVE OF THE NORTH BOUNDARY OF T. 27 S., R. 9 E.

Chains

enlad0

S33

OS.80

S4

OS.87

1940

raise a mound

of stone;  $3\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high; N. of cor.

Thence,

S.  $89^{\circ} 43'$  W., with continuous measurement.46.20 Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, 25 ft. below  $\frac{1}{4}$  sec. cor., drains S.; asp. 15 ft.

50.20 Top of ascent on S. slope; desc. 40 ft.

61.40 Wash, 10 lks. wide, 4 ft. deep, in the bottom of draw, drains S.  $20^{\circ}$  E., asc. gentle NE. slope 25 ft. to sec. cor.76.20 Old wagon road, bears N.  $30^{\circ}$  W. and S.  $30^{\circ}$  E.

80.13 Intersect the original cor. of secs. 4, 5, 32, and 33, which is a sandstone, 13x10x5 ins., marked with 4 notches on E. edge and 2 grooves on W. face, firmly set 7 ins. in the ground, but not witnessed.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone cor. and a sandstone, 5x5x3 ins., mkd. X, deposited at the base, for cor. of secs. 4, 5, 32, and 33, with brass cap mkd.

T16SR9E

S32 S33

S5 S4

T17S.

1940

There are no other accessories available.

Land, nearly level, rolling, and broken, draining SE.; sandstone formation.

Soil, red sandy clay, shallow on tops and slopes, deep in bottoms, 1st to 4th rate.

Undergrowth, shadscale, greasewood, black sagebrush, and yellow top; a fair growth of gramma grass.

No timber. Good winter grazing land.

S.  $89^{\circ} 32'$  W., bet. secs. 5 and 32.

Over rolling and nearly level land, through medium dense short undergrowth.

10.10 Old wagon road, bears N.  $30^{\circ}$  W. about 2 cns. dist.; thence N.  $60^{\circ}$  W., and SE.

32.90 Wash, 20 lks. wide, 3 ft. deep, drains S.

40.15 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 15x10x5 ins., loosely set 5 ins. in the ground and surrounded by a small mound of stone, and marked  $\frac{1}{4}$  on N. face, with no other accessories.

At point for cor.

## DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T. 17 S., R. 9 E.

Chain

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S32  
 $\frac{1}{4}$   
 S5  
 1940

of stone,  $3\frac{1}{2}$  ft. base, 2 ft. high, N. of cor.

raise a mound

Thence,

S.  $89^{\circ} 28' W.$ , with continuous measurement.

63.80 Wash, 30 lks. wide, 5 ft. deep, drains SE.; asc. gradual NE. slope. 35 ft.

73.80 On top of a flat top knoll, about 2 chs. wide, bearing NW. and SE.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. of secs. 5, 6, 31, and 32, with brass cap mkd.

T16SR9E  
 S31|S32  
 WC S6|S5  
 T17S  
 1940

of stone,  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor.

raise a mound

76.60 Utah State Highway No. 122, graveled and graded, bears N.  $22^{\circ} 30' W.$  to Hiawatha and Price, Utah, and S.  $22^{\circ} 30' E.$  to Utah State Highway No. 10.

79.30 Cedar Creek, stream of clear alkali water, 20 lks. wide, 4 ins. deep, in bottom of wash, 100 lks. wide, 20 ft. deep, 45 ft. below witness sec. cor., course SE.; along or near broken S. side of the wash to

80.80 Proportionate point; there is no evidence of the original cor. of secs. 5, 6, 31, and 32.

The proportionate point for this sec. cor. falls in the bottom of the wash, making it impracticable to establish a cor. monument. Cor. not set.

Land, nearly level and rolling, draining SE.; sandstone formation.

Soil, red sandy clay, 1st to 4th rate.

Undergrowth, shadscale, black sagebrush and yellow top; dense greasewood along and near bottoms; poor to fair growth of gramma and bunch grass.

No timber. Poor to fair winter grazing land.

From the proportionate point for the cor. of secs. 5, 6, 31, and 32,

S.  $89^{\circ} 28' W.$ , bet. secs. 6 and 31.

Along nearly level bottom of Cedar Creek Wash, 100 lks. wide, 20 ft. deep, draining W. to E.

1.30 W. bank of the wash, 20 ft. high, bears NW. and SE.; gradual ascent of 75 ft., over nearly level and rolling land, through medium dense undergrowth.

## DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF T. 17 S., R. 9 E.

## Chains

- 6.10 Old wagon road, bears NW. and SE.
- 29.00 Top of narrow bench, about 2 chs. wide, bears NW. and SE.; desc. gradual SW. slope 15 ft. to  $\frac{1}{4}$  sec. cor.
- 31.70 Wash, 30 lks. wide, 7 ft. deep, drains SE.
- 40.64 Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S31  
 $\frac{1}{4}$   
 S6  
 1940

raise a mound

- of stone,  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, N. of cor.
- 44.70 A main wash, 20 lks. wide, 15 ft. deep, in the bottom of draw, 15 ft. below  $\frac{1}{4}$  sec. cor., drains S.  $60^{\circ}$  E.; asc. gradual NE. slope 35 ft. to
- 62.80 E. edge of bench, bears N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E.; asc. gradually 35 ft., over gently rolling top to
- 80.34 Intersect the original cor. of Tps. 16 and 17 S., Rs. 8 and 9 E., which is a sandstone,  $19 \times 14 \times 13$  ins., marked with 6 notches on each of the four edges and T 16 S on N., T 17 S on S., R 8 E on W. and R 9 E on E. faces, firmly set 12 ins. in the ground and witnessed on the S. by a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high.

At point for cor.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of Tps. 16 and 17 S., Rs. 8 and 9 E., with brass cap mkd.

T16S  
 R8E | R9E  
 S36 | S31  
 S1 | S6  
 T17S  
 1940

raise a mound

of stone, 4 ft. base,  $2\frac{1}{2}$  ft. high, S. of cor.

Land, nearly level, rolling and broken, draining SE.; sandstone formation.

Soil, red sandy clay, 1st to 4th rate.

Undergrowth, shadscale, greasewood, black sagebrush and yellow top; a fair growth of gramma grass.

No timber. Poor to fair winter grazing land.

DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 9 E., OR SECOND GUIDE MERIDIAN EAST, AS ORIGINALLY SURVEYED IN 1873 AND RESURVEYED IN 1881 BY A. D. FERBON, U. S. DEPUTY SURVEYOR, AND RETRACED IN 1900 BY J. C. DICK, U. S. DEPUTY SURVEYOR

Commence at the reestablished cor. of Tps. 16 and 17 S., Rs. 8 and 9 E.,

N.  $0^{\circ} 13' E.$ , on a true line on a dependent resurvey along the W. line of T. 16 S., R. 9 E., on W. bdy. of sec. 31..

Over gently rolling bench, through medium dense short undergrowth.

## SECOND GUIDE MERIDIAN EAST

DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 9 E.

## Chains

- 8.70 N. edge of bench, 15 ft. below Tp. cor., bears N. 70° W. and S. 70° E.; desc. NE. slope 40 ft.
- 12.90 A main wash, 30 lks. wide, 20 ft. deep, in the bottom of draw, drains S. 70° E.; asc. SW. slope 45 ft.
- 17.40 S. edge of bench, bears S. 80° E. and W.; over nearly level top.
- 38.52 A sandstone, 12x9x7 ins. above ground, marked  $\frac{1}{4}$  on W. face, firmly set and surrounded by a small mound of stone, but not witnessed, bears west 22 lks. dist. I deface the marking  $\frac{1}{4}$ .
- 40.19 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 20x13x6 ins., marked  $\frac{1}{4}$  on W. face, firmly set 10 ins. in the ground and surrounded by a small mound of stone, but no other accessories.
- This  $\frac{1}{4}$  sec. cor. now pertains to sec. 31 only.
- At point for cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor. of sec. 31, with brass cap mkd.
- $\frac{1}{4}$  S31
- 1940
- raise a mound
- of stone, 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, E. of cor.
- Thence,
- N. 0° 13' W., with continuous measurement.
- 40.80 Old wagon road, bears N. 70° W. and S. 70° E.
- 49.30 N. edge of bench, bears N. 80° W. and S. 60° E.; desc. NE. slope 40 ft.
- 51.70 Old wagon road, bears N. 70° W. and S. 60° E.
- 62.00 Wash, 50 lks. wide, 10 ft. deep, in the bottom of hollow, drains SE.; gradual ascent of 10 ft. to cor. of secs. 30 and 31, over nearly level land.
- 78.30 Wash, 30 lks. wide, 5 ft. deep, drains SE.
- 78.95 The closing cor. of secs. 25 and 36, T. 16 S., R. 8 E., which is a sandstone, 19x8x7 ins., marked with 5 notches on N. and 1 notch on S. edges, loosely set 3 ins. in the ground and surrounded by a small mound of stone, and witnessed on the W. by a mound of stone, 3 ft. base, 2 ft. high, bears west 1 lk. dist.
- 81.18 Intersect the original cor. of secs. 25, 30, 31, and 36, which is a sandstone, 14x11x7 ins., marked with 5 notches on N. and 1 notch on S. edges, loosely set 6 ins. in the ground and surrounded by a small mound of stone, but no other accessories. This cor. now functions for secs. 30 and 31 only.
- At point for cor.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 30, and 31, with brass cap mkd.

T16S	T16S
S25	S30
	S31
R8E	R9E
1940	



SECOND GUIDE MERIDIAN EAST  
DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 9 E.

Chains

false &amp; mound

of stone, 4 ft. base, 2 ft. high, E. of cor.

Alongside the cor. monument is a concrete monument, set by the United States Fuel Co., pyramidal in shape, 6 ins. square at top, 12 ins. square at base, firmly set and projecting  $2\frac{1}{2}$  ft. above ground, and marked U S F on the N. and E. faces.

Land, nearly level, rolling and broken, draining SE.; sandstone formation.

Soil, red sandy clay, 1st to 4th rates.

Undergrowth, shadscale, black sagebrush, greasewood and yellow top; a fair growth of gramma and bunch grass.

No timber. Fair winter grazing land.

N.  $0^{\circ} 54'$  E., along W. bdy. of sec. 30.

Over rolling land, through medium dense undergrowth; asc. gradual SW. slope 75 ft.

22.40 Flat top spur, projects SE. about 10 chs. dist.; desc. 45 ft.

31.20 Cedar Creek Wash, 50 lks. wide, 15 ft. deep, in the bottom of swale, drains SE.; asc. gradually 40 ft. to  $\frac{1}{4}$  sec. cor. of sec. 30, over gentle SW. slope.

37.34 A sandstone,  $9 \times 4 \times 3$  ins. above ground, marked  $\frac{1}{4}$  on W. face, firmly set and surrounded by a small mound of stone, but not witnessed, bears east 7 lks. dist. I deface the marking  $\frac{1}{4}$ .

39.60 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone,  $18 \times 10 \times 7$  ins. marked  $\frac{1}{4}$  on W. face, loosely set 12 ins. in the ground, but not witnessed.

This  $\frac{1}{4}$  sec. cor. now pertains to sec. 30 only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, 5 ft. base,  $1\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor. of sec. 30, with brass cap mkd.

$\frac{1}{4}$  S30

1940

from which

A cedar limb, 5 ins. diam., bears S.  $21^{\circ} 30'$  E., 339 lks. dist., mkd.  $\frac{1}{4}$  S 30 B T.

There are no other trees available in sec. 30 suitable for marking.

Alongside the corner monument is a concrete monument, set by the United States Fuel Co., pyramidal in shape, 6 ins. square at top, 12 ins. square at base, firmly set and projecting  $2\frac{1}{2}$  ft. above ground and marked U S F on the N. and E. faces.

Thence,

SECOND QUIDE MERIDIAN EAST  
DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 9 E.

Chains											
0.00	N. 0° 31' E., with continuous measurement.										
0.60	Continue gradual ascent of 90 ft., over gentle SW. slope.										
1.60	Enter a scattering growth of timber.										
74.60	Old wagon road, bears N. 10° W. and SE.										
77.41	An embedded mound of stone, 3 ft. base, 2 ft. high, bears west 1.40 chs. dist.										
77.45	A concrete monument pyramidal in shape, 6 ins. square at the top, 12 ins. square at the base, firmly set and projecting $2\frac{1}{2}$ ft. above ground, and marked U S F on N. and E. faces, bears West, 1.41 chs. dist.										
77.50	Top of ascent, bears NW. and SE.; desc. gradual NE. slope 10 ft. to										
79.86	True point for the cor. of secs. 19 and 30, as determined from the original bearing tree in sec. 30, from the record course and distance; there is no trace of the old monument for cor. of secs. 19, 24, 25, and 30, and the original bearing trees in secs. 19 and 24 have been destroyed.										
	At point for cor.										
	Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to solid rock, and in a mound of stone, $4\frac{1}{2}$ ft. base, 1 ft. high, for cor. of secs. 19 and 30, with brass cap mkd.										
	<table> <tr> <td>T16S</td><td>T16S</td></tr> <tr> <td>R8E</td><td>S19</td></tr> <tr> <td>S24</td><td>S30</td></tr> <tr> <td></td><td>R9E</td></tr> <tr> <td></td><td>1940</td></tr> </table>	T16S	T16S	R8E	S19	S24	S30		R9E		1940
T16S	T16S										
R8E	S19										
S24	S30										
	R9E										
	1940										
	from which										
	A cedar, 16 ins. diam., bears N. 31° 00' E., 186 lks. dist., mkd. T 16 S R 9 E S 19 B T.										
	A cedar limb, original bearing tree, 7 ins. diam., bears S. 17° 00' E., 70 lks. dist., mkd. T 16 S R 9 E S 30 B T.										
	Land, rolling and gently rolling, draining SE.; sandstone and limestone formation.										
	Soil, red sandy clay and gray and blue clay, 3rd rate.										
	Timber, cedar and pinon pine.										
	Undergrowth, shadscale, white sagebrush, yellow top, salt brush, and greasewood; fair grazing of gramma and bunch grass.										
	N. 2° 10' W., along W. bdy. of sec. 19.										
	Over nearly level land, through scattering timber and undergrowth; desc. gentle NE. slope 20 ft.										
2.90	Top of dirt dam of reservoir, 30 ft. high, bears N. 41° E., 2.60 chs. dist. and S. 41° W., 1.70 chs. dist.; water in reservoir about 10 ft. deep and extends northwesterly approximately 3 chs. dist.										
11.00	Stream of clear water, 3 lks. wide, 3 ins. deep, in irrigation ditch, from NW., course SE.										

**SECOND GRADE MERIDIAN EAST  
DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 8 E.**

**Chains**

- 17.40 A four strand barbed wire fence, bears E. about 10 chs., dist., then southeasterly, and N.
- 17.55 A concrete monument, set by the United States Fuel Co., pyramidal in shape, 6 ins. square at the top, 12 ins. square at the base, firmly set and projecting  $2\frac{1}{2}$  ft. above ground, and marked U S F on S. and E. faces, bears West, 84 lks., dist..
- 19.54 A concrete monument, set by the United States Fuel Co., pyramidal in shape, 6 ins. square at the top, 12 ins. square at the base, firmly set and projecting  $2\frac{1}{2}$  ft. above ground, and marked U S F on N. and E. faces, bears West, 79 lks., dist.
- 21.10 Stream of clear water, 2 lks. wide, 2 ins. deep, in irrigation ditch, from NW., course SE.
- 23.00 State Highway No. 122, graveled and graded, bears N.  $46^\circ$  W. to Hiawatha and Price, Utah, and S.  $46^\circ$  E. to Utah State Highway No. 10.
- 23.60 Wash, 30 lks. wide, 4 ft. deep, in the bottom of swale, drains SE.; approx. S. slope 190 ft. to  $\frac{1}{4}$  sec. cor. of sec. 19.
- 27.63 A sandstone,  $12 \times 5 \times 3$  ins. above ground, marked  $\frac{1}{4}$  on W. face, firmly set and surrounded by a small mound of stone, but not witnessed, bears west 17 lks., dist. I deface the marking  $\frac{1}{4}$ .
- 41.42 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone,  $17 \times 9 \times 5$  ins., marked  $\frac{1}{4}$  on W. face, loosely set 10 ins. in the ground, but no evidence of accessories.

This  $\frac{1}{4}$  sec. cor. now pertains to sec. 19 only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor. of sec. 19, with brass cap mkd.

$\frac{1}{4}$  S19.

1940

from which

A pinon pine limb, 8 ins. diam., bears N.  $18^\circ 25'$  E., 276 lks., dist., mkd.  $\frac{1}{4}$  S 19 P T.

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.

There are no other trees available in sec. 19 suitable for marking.

Thence,

N.  $0^\circ 43'$  E., with continuous measurement.

- 44.00 S. edge of bench, 90 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.; enter a heavy growth of timber, bears NW. and SE.; gradual ascent of 70 ft. over rolling top to
- 54.50 S. edge of higher bench, bears E. and N.  $60^\circ$  W.; over nearly level
- 71.00 N. edge of bench, bears E. and W.; desc. rocky N. slope 75 ft.
- 76.00 Wash, 40 lks. wide, 5 ft. deep, in the bottom of draw, drains E.; approx. gradual S. slope 25 ft. to witness cor. of secs. 18 and 19.
- 77.44 The closing cor. of secs. 13 and 24, T. 16 S., R. 8 E., which is a sandstone,  $15 \times 14 \times 4$  ins., marked with 3 notches on each of the N. and S. edges, loosely set 3 ins. in the ground and surrounded by a small

## SECOND GUIDE MERIDIAN EAST

## DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 9 E.

## Chains

embedded mound of stone, but no other accessories, bears east 2 lks. dist.

82.58

Set an iron post, 3 ft. long, 2 ins. diam.; 27 ins. in the ground, with the original stone cor. deposited at the base, for witness cor. of secs. 18 and 19, with brass cap mkd.

W C	
TL6S	TL6S
R8E	S18
S13	S19
	R9E
1940	

from which

A pinon pine, 9 ins. diam., bears N. 8° 15' E., 63 lks. dist., mkd. W C T 16 S R 9 E S 18 B T.

A pinon pine, 5 ins. diam., bears S. 77° 45' E., 65 lks. dist., mkd. W C T 16 S R 9 E S 19 B T.

82.78

Intersect the original cor. of secs. 13, 18, 19, and 24, which is a sandstone, 20x7x4 ins., marked with 3 notches on each of the N. and S. edges, firmly set 10 ins. in the ground and surrounded by a small mound of stone, but not witnessed. The original bearing trees have been destroyed by woodmen and fire. This cor. now functions for secs. 18 and 19 only.

The original cor. point falls on the S. bank of a wash, 30 lks. wide, 2 ft. deep, draining SE., where the reestablishment of the cor. is unsafe, on account of the bank eroding away. Therefore, I deposited the stone cor. monument at the base of the iron post or witness cor. as just described above.

Land, nearly level, rolling, and broken, draining SE.; sandstone and limestone formation.

Soil, rocky red sandy clay, and gray and blue clay, 3rd rate.

Timber, cedar and pinon pine; a few cottonwood on S.  $\frac{1}{2}$  mile.

Undergrowth, shadscale, black sagebrush, yellow top, salt brush, and white sagebrush; fair grazing of gramma and sand grass.

From the true or original cor. point of secs. 18 and 19,

N. 3° 16' E., along W. bdy. of sec. 18.

Over gently rolling land, through heavy timber and scattering undergrowth; asc. gradually 40 ft. to  $\frac{1}{2}$  sec. cor. of sec. 18.

34.39

A sandstone, 10x8x6 ins. above ground, marked  $\frac{1}{4}$  on W. face, firmly set and surrounded by a small mound of stone, but not witnessed, bears east 22 lks. dist. I deface the marking  $\frac{1}{4}$ .

38.52

Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 19x10x5 ins., marked  $\frac{1}{4}$  on W. face, firmly set 10 ins. in the ground and surrounded by a small mound of stone, and from which

A pinon pine, 10 ins. diam., bears N. 27° 15' E., 13 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A cedar, 30 ins. diam., nearly dead, bears S. 86° 30' W., 9 lks. dist., mkd.  $\frac{1}{4}$  S B T.

This  $\frac{1}{4}$  sec. cor. now pertains to sec. 18 only.

At point for cor.

## SECOND GUIDE MERIDIAN EAST

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## DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 9 E.

## Chains

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, 4 ft. base,  $1\frac{1}{4}$  ft. high, for  $\frac{1}{4}$  sec. cor. of sec. 18, with brass cap mkd.

$\frac{1}{4}$ S18
-------------------

1940

from which

A pinon pine, 8 ins. diam., bears S.  $83^{\circ} 15'$  E., 76 lks. dist., mkd.  $\frac{1}{4}$  S 18 B T.

I deface the markings on the old bearing tree in sec. 13, and add the number of the sec. to the old bearing tree in sec. 18.

Thence,

N.  $3^{\circ} 44'$  W., with continuous measurement.

Continue gradual ascent of 15 ft. to cor. of secs. 7 and 18, over gently rolling land.

- 60.30 Old wagon road, bears easterly and westerly.
  - 60.40 Leave heavy timber, enter dense undergrowth, bears E. and W.
  - 67.40 Wash, 20 lks. wide, 6 ft. deep, drains easterly.
  - 74.30 Enter heavy timber, bears E. and W.; undergrowth becomes scattering.
  - 73.53 The closing cor. of secs. 12 and 13, T. 16 S., R. 8 E., which is a sandstone, 10x9x8 ins. above ground, marked with 2 notches on N. and 4 notches on S. edges, firmly set and surrounded by a small mound of stone, but no other accessories, bears west 41 lks. dist.
  - 81.81 Intersect the original cor. of secs. 7, 12, 13, and 18, which is a limestone, 16x8x8 ins., marked with 2 notches on N. and 4 notches on S. edges, firmly set 8 ins. in the ground and surrounded by a small mound of stone. There is no evidence of the original bearing trees. This cor. now functions for secs. 7 and 18 only.
- At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 7 and 18, with brass cap mkd.

T16S	T16S
R8E	S7
S12	S18
	R9E
	1940

from which

A pinon pine, 14 ins. diam., bears N.  $19^{\circ} 15'$  E., 94 lks. dist., mkd. T 16 S R 9 E S 7 B T.

A pinon pine, 12 ins. diam., bears S.  $87^{\circ} 40'$  E., 94 lks. dist., mkd. T 16 S R 9 E S 18 B T.

Land, rolling and gently rolling, draining SE.; sandstone and limestone formation.

Soil, rocky red sandy clay, and gray and blue clay, 3rd rate.

Timber, Cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, yellow top and white sagebrush; fair to good grazing of gramma and sand grass.

## SECOND GUIDE MERIDIAN EAST

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## DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 9 E.

## Chains

N.  $0^{\circ} 06'$  E., along W. bdy. of sec. 7.

Asc. gradual SW. slope 10 ft., over rolling land, through heavy timber and scattering undergrowth.

15.90 Top of ascent, bears NW. and SE.; gradual descent of 15 ft.

20.20 Leave timber, bears NW. and SE.; enter dense undergrowth.

21.50 A main wash, 70 lks. wide, 6 ft. deep, in the bottom of swale, drains easterly about 12 chs. dist., thence SE.; asc. gradual SW. slope 30 ft. to  $\frac{1}{4}$  sec. cor. of sec. 7.

31.66 A sandstone, 17x13x6 ins. above ground, marked  $\frac{1}{4}$  on W. face, firmly set and surrounded by a small mound of stone, but not witnessed, bears east 29 lks. dist. I deface the marking  $\frac{1}{4}$ .

33.90 A main wash, 70 lks. wide, 7 ft. deep, drains SE.

40.48 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 17x10x4 ins., marked  $\frac{1}{4}$  on W. face, firmly set 10 ins. in the ground and surrounded by a small mound of stone. There is no evidence of the original bearing trees.

This  $\frac{1}{4}$  sec. cor. now pertains to sec. 7 only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor. of sec. 7, with brass cap mkd.

$\frac{1}{4}$  S7

1940

from which

A pinon pine, 5 ins. diam., bears S.  $61^{\circ} 30'$  E.; 176 lks. dist., mkd.  $\frac{1}{4}$  S 7 B T.

A pinon pine limb, 9 ins. diam., bears S.  $50^{\circ} 33'$  E., 228 lks. dist., mkd.  $\frac{1}{4}$  S 7 B T.

Thence,

N.  $0^{\circ} 29'$  W., with continuous measurement.

53.20 Top of ascent on W. slope, 55 ft. above  $\frac{1}{4}$  sec. cor.; gradual descent of 25 ft.

54.70 Enter heavy timber, bears NE. and SW.; undergrowth becomes scattering.

59.30 Wash, 50 lks. wide, 8 ft. deep, in the bottom of draw, drains SW.; asc. SW. slope 85 ft.

69.80 Spur, projects SE. about 1 ch. dist.; desc. NE. slope 40 ft.

71.61 The closing cor. of secs. 1 and 12, T. 16 S., R. 8 E., which is a sandstone, 11x9x7 ins. above ground, marked with 1 notch on N. and 5 notches on S. edges, firmly set and surrounded by a small mound of stone; but not witnessed, bears east  $10\frac{1}{2}$  lks. dist.

76.90 Wash, 40 lks. wide, 5 ft. deep, in the bottom of draw, drains SE. about 12 chs. dist., thence SW.; asc. SW. slope 50 ft. to

80.65 Intersect the original cor. of secs. 1, 6, 7, and 12, which is a sandstone, 18x10x3 ins., marked with 1 notch on N. and 5 notches on S. edges, and loosely set 10 ins. in the ground and surrounded by a small mound of stone. There is no evidence of the original bearing trees. This cor. now functions for secs. 6 and 7 only.

## SECOND GUIDE MERIDIAN EAST

## DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 9 E.

## Chains

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone,  $5\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, for cor. of secs. 6 and 7, with brass cap mkd.

T16S	T16S
R9E	S6
S1	S7
	R9E
	1940

from which

A pinon pine, 9 ins. diam., bears N.  $64^{\circ} 00'$  E., 39 lks.  
dist., mkd. T 16 S R 9 E S 6 B T.

A pinon pine, 14 ins. diam., bears S.  $32^{\circ} 50'$  E., 59 lks.  
dist., mkd. T 16 S R 9 E S 7 B T.

Land, rolling and gently rolling, draining SE.; sandstone and limestone formation.

Soil, red sandy clay, and gray and blue clay, 2nd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, yellow top and white sagebrush; fair to good grazing of gramma and sand grass.

N.  $0^{\circ} 15'$  E., along W. bdy. of sec. 6.

Asc. SW. slope 15 ft., through heavy timber and scattering undergrowth.

1.90 S. edge of bench, bears N.  $20^{\circ}$  W. and S.  $20^{\circ}$  E.; gradual ascent of 20 ft.

16.00 Top of ascent on SW. slope; desc. 15 ft.

20.00 Old wagon and wood road, bears NW. and SE.

20.40 Wash, 40 lks. wide, 5 ft. deep, in the bottom of draw, drains SE.; asc. 30 ft.

24.20 Top of ascent on SW. slope; over nearly level top to  $\frac{1}{4}$  sec. cor. of sec. 6.

30.83 A sandstone, 10x8x6 ins. above ground, marked  $\frac{1}{4}$  on W. face, firmly set, but no evidence of accessories, bears east  $7\frac{1}{2}$  lks. dist. I deface the marking  $\frac{1}{4}$ .

35.60 Old wagon road, bears NW. and SE.

37.10 Wash, 30 lks. wide, 4 ft. deep, in the bottom of swale, 10 ft. below top of ascent, drains SE.; asc. gradual SW. slope 30 ft. to

40.61 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 26x19x13 ins., marked  $\frac{1}{4}$  on W. face, and loosely set 12 ins. in the ground and surrounded by a small mound of stone. There is no evidence of the original bearing trees.

This  $\frac{1}{4}$  sec. cor. now pertains to sec. 6 only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor. of

## SECOND GUIDE MERIDIAN EAST

## DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 9 E.

Chains

sec. 6, with brass cap mkd.

 $\frac{1}{4}$  S 6

1940

from which

A pinon pine, 10 ins. diam., bears N. 23° 25' E., 43 lks.  
dist., mkd.  $\frac{1}{4}$  S 6 B T.

A pinon pine, 5 ins. diam., bears S. 58° 30' E., 84 lks.  
dist., mkd.  $\frac{1}{4}$  S 6 B T.

Thence,

N. 2° 22' W., with continuous measurement.

Continue ascent of 25 ft., over gently rolling SW. slope to

81.34 Intersect the standard cor. of Tps. 15 and 16 S., Rs. 8 and 9 E., which is an iron post, 3 ins. diam., firmly set, projecting 2 ft. above ground, and surrounded by a mound of stone, 4 ft. base,  $1\frac{1}{2}$  ft. high, and marked and witnessed as described in the official record of the survey of T. 15 S., R. 9 E., in this group.

From this cor., a sandstone, 14x13x9 ins. above ground, marked 15 S, 8 E, 9 E, C C and 6 grooves on N. face, and 6 grooves on each of the E. and W. faces, firmly set, but not witnessed, bears east 43 $\frac{1}{2}$  lks. dist. I deface the markings on this stone.

Land, rolling and gently rolling, draining SE.; sandstone and limestone formation.

Soil, rocky red sandy clay, and gray and blue clay, 3rd rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, yellow top and white sagebrush; fair to good grazing of gramma and bunch grass.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.,  
AS ORIGINALLY SURVEYED BY  
A. D. FERRON, U. S. DEPUTY SURVEYOR, IN 1881

Commence the subdivisional dependent resurvey at the restored cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the Tp.

N. 0° 45' W., bet. secs. 35 and 36.

Over rolling land, through medium dense undergrowth; desc. gradual N. slope 10 ft.

2.20 Old wagon road, bears N. 80° W. and S. 80° E. to John Anderson's farm.

2.30 Cor. of barbed wire fence, bearing northerly and southeasterly, bears east 26 $\frac{1}{2}$  lks. dist.

2.40 Wash, 25 lks. wide, 4 ft. deep, in the bottom of draw, drains E.; asc. S. slope 80 ft.

7.30 S. edge of bench, bears N. 70° W. and E. about 7 chs. dist., thence N. 10° W.; over nearly level top.

8.80 The NW. cor. of John Anderson's frame house, 32x30 ft., bears S. 89° 14' E.

9.40 N. edge of bench, bears NW. and SE.; desc. 90 ft. along NE. slope to

40.13 Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \hline S35 \quad S36 \\ \hline 1940 \end{array}$
	raise a mound of stone, $3\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
41.40	Cor. of barbed wire fence, bearing southerly and easterly, bears east 43 lks. dist.
42.10	Wash, 30 lks. wide, 2 ft. deep, in the bottom of swale, 10 ft. below $\frac{1}{4}$ sec. cor., drains S. $70^{\circ}$ E.; asc. gradual SW. slope 155 ft. to
76.80	S. edge of bench, bears N. $60^{\circ}$ W. and S. $60^{\circ}$ E.; over nearly level top to
80.26	Intersect the original cor. of secs. 25, 26, 35, and 36, which is a sandstone, $15 \times 10 \times 4$ ins., marked with 1 notch on each of the S. and E. edges, firmly set 8 ins. in the ground and surrounded by a small mound of stone, but no other accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 25, 26, 35, and 36, with brass cap mkd.
	$\begin{array}{c} T16SR9E \\ \hline S26 \quad S25 \\ \hline S35 \quad S36 \\ \hline 1940 \end{array}$
	raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling, and nearly level benches, draining SE.; sandstone formation.
	Soil, rocky red sand and red sandy clay, 3rd rate.
	Undergrowth, shadscale, salt brush, white sagebrush, yellow top and rabbit brush; fair to good growth of gramma grass.
	No timber. Fair winter grazing land.
	From the restored point for cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the Tp., in the middle of the main traveled road, bearing northerly to State Highway No. 10 and southerly to Cleveland, Utah, S. $89^{\circ} 57'$ W., bet. secs. 25 and 36.
	Over level road to
0.375	Intersect the witness cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the road.
0.40	Woven wire fence, bears N. and S.; begin gradual ascent of 30 ft. to $\frac{1}{4}$ sec. cor., across cultivated land.
6.50	Woven wire fence, bears N. and S.
7.50	The NW. cor. of Frank Lundy's frame farm house, $46 \times 45$ ft., bears S. $4^{\circ} 24'$ E. 10.12 chs. dist.
24.30	A four strand barbed wire fence, bears northwesterly and southerly; leave cultivated land, enter rolling general E. slope.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

- Chains**
- 25.10 Old canal, dry, 30 lks. wide, 4 ft. deep, drains from SE. to NW.
- 28.60 Cleveland canal, stream of clear water, 30 lks. wide, 2 ft. deep, from S., course NW..
- 40.52 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 14x10x6 ins., marked  $\frac{1}{4}$  on N. face; firmly set 7 ins. in the ground and surrounded by a small mound of stone, with no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S25

$\frac{1}{4}$

S36

1940

of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

raise a mound

Thence,

S. 88° 59' W., with continuous measurement.

43.70 Old wagon road, bears N. and SE.

79.80 NE. edge of bench, 170 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and S. 80° E.; over nearly level top to

80.85 Intersect the cor. of secs. 25, 26, 35, and 36.

Land, nearly level, rolling and broken, draining easterly; sandstone formation.

Soil, rocky red sand and red sandy clay loam, 1st. to 4th. rate.

Timber, a few scattering cottonwood.

Undergrowth, shadscale, yellow top, white sagebrush and salt brush; good growth of gramma grass.

Fair winter grazing land, W. 52.25 chs.

N. 3° 44' E., bet. secs. 25 and 26.

Over nearly level top of bench, through medium dense undergrowth.

1.00 N. edge of bench, bears N. 60° W. and S. 80° E.; desc. NE. slope 140 ft.

23.60 Bottom of descent, bears NW. and SE.; asc. gradual S. slope 35 ft.

35.20 Top of knoll, bears E. approximately 7 chs. dist. and W. about 5 chs. dist.; desc. gradual N. slope 25 ft. to

39.36 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 16x11x8 ins., marked  $\frac{1}{4}$  on W. face, firmly set 7 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

brass cap mkd.

suledD

11.25

12.75

S26

S25

1940

raise a mound

of stone,  $3\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.

Thence,

N.  $0^{\circ} 18'$  W., with continuous measurement.

Over nearly level land to sec. cor.

71.90 Old wagon road, bears easterly and westerly.

76.20 Shallow wash, 10 chs. wide, drains SE.

79.24 Intersect the original cor. of secs. 23, 24, 25, and 26, which is a sandstone,  $12 \times 6$  ins., marked with 2 notches on S. edge and 1 notch on E. edge, and loosely set 8 ins. in the ground, with no accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 23, 24, 25, and 26, with brass cap mkd.

T16SR9E

S23 | S24

S26 | S25

1940

raise a mound

of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level and rolling, draining SE.; sandstone formation.

Soil, rocky red sand and red sandy clay, 3rd rate.

Undergrowth, shadscale, yellow top, white sagebrush and salt brush; good grazing of gramma and bunch grass.

No timber.

From the reestablished cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the Tp.,

S.  $9^{\circ} 18'$  W., bet. secs. 24 and 25.

Over nearly level and gently rolling land, through scattering undergrowth.

1.00 Branch of Cleveland canal, stream of clear water, 20 lks. wide, 2 ft. deep, course NW.

6.40 The main traveled graded road, bears N.  $19^{\circ} 15'$  W. to State Highway No. 10 and S.  $19^{\circ} 15'$  E. to Cleveland, Utah.

11.57 Line of fence posts, bears N. and S.

30.02 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone,  $14 \times 5$  ins., marked  $\frac{1}{4}$  on N. face, firmly set 6 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Shails

and set

S24  
4  
S25  
1940

of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high; N. of cor. raise a mound

This cor. stands 45 ft. above the cor. of secs. 19, 24, 25, and 30.  
Thence,

S,  $88^{\circ} 52'$  W., with continuous measurement.

41.70 Old wagon road, bears NW. and SE., on top of low ridge, 15 ft. above  $\frac{1}{4}$  sec. cor., bearing NW. and SE.; gradual descent of 10 ft.

47.90 Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, drains SE.; asc. 15 ft.

56.90 Low ridge, bears NW. and SE.; gradual descent of 15 ft. to sec. cor., over nearly level land.

72.50 Old wagon road, bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.

77.93 Intersect the cor. of secs. 23, 24, 25, and 26.

Land, nearly level and rolling, draining E. and SE.; sandstone formation.

Soil, red sandy clay and gray clay, 2nd to 4th rate

Undergrowth, shadscale, yellow top, and white sagebrush; fair to good grazing of gramma grass.

No timber.

N.  $1^{\circ} 02'$  W., bet. secs. 23 and 24.

Asc. gentle S. slope 45 ft., through medium dense undergrowth.

3.60 Old wagon road, bears N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E.

11.50 Old wagon road, bears NW. and SE.

32.20 Old wagon road, bears E. and W., at the top of ascent, bearing E. and W.; along nearly level top of spur, projecting N.

40.55 Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
S23 | S24  
1940

of stone, 3 ft. base, 2 ft. high, W. of cor. raise a mound

40.70 Leave top of spur, slopes NE. about 5 chs. dist.; desc. NE. slope 40 ft. to

48.60 Wash, 20 lks. wide, 6 ft. deep, drains N.  $70^{\circ}$  E.; over nearly level land to sec. cor.

50.90 Telephone line, bears N.  $17^{\circ} 09'$  E. to Price, Utah, and S.  $17^{\circ} 09'$  W. to Huntington, Utah.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

- 52.10 Utah State Highway No. 10, paved, bears N. 17° 09' E. to Price and S. 17° 09' W. to Huntington.
- 81.10 Intersect the original cor. of secs. 13, 14, 23, and 24, which is a sandstone, 12x9x5 ins., marked with 3 notches on S. edge and 1 notch on E. edge, and loosely set 8 ins. in the ground and in a small mound of stone, with no other accessories.
- At point for cor.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 13, 14, 23, and 24, with brass cap mkd.
- T16SR9E  
S14|S13  
S23|S24  
 1940
- raise a mound
- of stone, 4 ft. base, 2 ft. high, W. of cor.
- Land, nearly level and rolling, draining easterly and southeasterly; sandstone and limestone formation.
- Soil, red sandy clay, and gray and blue clay, 3rd and 4th rate.
- Undergrowth, salt brush, shadscale, and white sagebrush; fair grazing of gramma grass.
- No timber.

- From the restored cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp.,
- S. 88° 01' W., bet. secs. 13 and 24.
- Over nearly level cultivated land.
- 20.50 Four strand barbed wire fence, bears N. and S.; a row of large cottonwood trees along the fence; leave cultivated land, begin gradual ascent of 15 ft. to  $\frac{1}{4}$  sec. cor., over gently rolling land, through medium dense undergrowth.
- 31.80 Canal, dry, 20 lks. wide, 3 ft. deep, drains N. 20° W.
- 34.60 The main traveled graded road, bears N. 19° 26' W. to State Highway No. 10 and S. 19° 26' E. to Cleveland, Utah.
- 37.41 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 12x7x4 ins., loosely set 6 ins. in the ground and surrounded by a small mound of stone, and marked  $\frac{1}{4}$  on N. face, but no evidence of other accessories.
- At point for cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.
- S13  
 $\frac{1}{4}$  ———  
 S24  
 1940
- from which
- A cottonwood, 6 ins. diam., bears N. 46° 51' E., 637 lks. dist., mkd.  $\frac{1}{4}$  S 13 B T.
- A cottonwood, 6 ins. diam., bears S. 71° 28' E., 740 lks. dist., mkd.  $\frac{1}{4}$  S 24 B T.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

Thence,

N. 89° 06' W., with continuous measurement.

40.50 Branch of Cleveland canal, stream of clear water, 15 lks. wide, 2 ft. deep, course N. 20° W.

60.50 Old wagon road, bears N. 70° E. and S. 70° W.

69.30 Telephone line, bears N. 17° 09' E. to Price, Utah and S. 17° 09' W. to Huntington, Utah.

69.70 Utah State Highway No. 10, paved, bears N. 17° 09' E. to Price and S. 17° 09' W. to Huntington.

78.76 Intersect the cor. of secs. 13, 14, 23, and 24, 45 ft. above  $\frac{1}{4}$  sec. cor.

Land, nearly level and gently rolling, draining easterly; sandstone and limestone formation.

Soil, red sandy clay, and gray and blue clay, 1st to 4th rate.

Undergrowth, shadscale, salt brush, white sagebrush, yellow top and rabbit brush; fair grazing of gramma grass on portions of mile.

No timber.

N. 0° 51' E., bet. secs. 13 and 14.

Desc. gradually 20 ft., over nearly level land, through medium dense short undergrowth.

18.30 Bottom of descent, bears N. 70° E. and S. 70° W.; gradual ascent of 20 ft.

24.70 Top of knoll, bears E. approximately 5 chs. dist. and W. about 3 chs. dist.; desc. gradually 25 ft. to  $\frac{1}{4}$  sec. cor., over gentle N. slope.

35.80 Old wagon road, bears E. and W.

39.55 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 19x5x5 ins., marked  $\frac{1}{4}$  on W. face, and loosely set 8 ins. in the ground, with no accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone and a sandstone, 5x4x4 ins., mkd. X, deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S14 | S13  
 1940

From this cor., the most northerly cor. of a cattle corral, bears N. 46° 45' E. 17.10 chs. dist. The corral is constructed of cedar posts and poles; and is partitioned off into four corrals, circular in shape, with diameters of 77, 140, 160 and 180 lks., and 7 poles high.

Thence,

N. 0° 33' W., with continuous measurement.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

- 49.50 Wash, 20 lks. wide, 8 ft. deep, in the bottom of swale, 15 ft. below  $\frac{1}{4}$  sec. cor., drains S. 70° E.; asc. gradual S. slope 60 ft.
- 52.30 Old wagon road, bears N. 70° W. and S. 70° E.
- 59.40 Top of knoll, bears E. approximately 20 chs. dist. and W. about 5 chs. dist.; desc. N. slope 55 ft.
- 63.80 Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, heads W. about 5 chs. dist., drains E.; asc. SE. slope 60 ft.
- 69.70 S. edge of flat topped ridge, bears E. and S. 10° W. about 3 chs. dist., thence N. 70° W.; over nearly level top to
- 71.50 N. edge of the ridge, bears E. and W.; desc. N. slope 65 ft. to
- 76.40 Bottom of descent, bears E. and W.; over nearly level land to sec. cor.
- 77.60 Old wagon road, bears N. 70° W. and S. 70° E.
- 80.27 Intersect the original cor. of secs. 11, 12, 13, and 14, which is a sandstone, 12x8x5 ins., loosely set 6 ins. in the ground and surrounded by a small mound of stone, and marked with 4 notches on S. edge and 1 groove on SE. face, but no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 11, 12, 13, and 14, with brass cap mkd.

T16SR9E

S11|S12

S14|S13.

1940

of stone, 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

raise a mound

Land, rolling, draining easterly; sandstone and limestone formation.

Soil, rocky red sandy clay and gray sandy loam, 3rd to 4th rate.

Undergrowth, salt brush, shadscale, white sagebrush and rabbit brush; fair grazing of gramma grass.

No timber.

From the reestablished cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the Tp.,

S. 89° 22' W., bet. secs. 12 and 13.

Asc. gradually 25 ft., over rolling land, through medium dense undergrowth.

15.60 Old wagon road, bears NW. and SE.

18.90 Top of ascent on SE. slope; gradual descent of 30 ft.

22.70 Wash, 20 lks. wide, 1 ft. deep, in the bottom of draw, drains S. 30° E.; asc. NE. slope 35 ft.

27.20 Spur, slopes S. 20° E. about 10 chs. dist.; desc. SW. slope 50 ft. to

32.90 Bottom of descent, bears NW. and SE.; over nearly level land to cor. of secs. 11, 12, 13, and 14.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

37.96

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S12

WC  $\frac{1}{4}$

S13

1940

of stone, 3 ft. base, 2 ft. high, N. of cor.

raise a mound

From this witness  $\frac{1}{4}$  sec. cor., a U. S. Coast and Geodetic Survey Bench Mark, bears N. 49° 26' W. 13.77 chs. dist. The bench mark is a brass cap,  $3\frac{1}{2}$  ins. diam., set in a concrete block, 9 ins. square at the top, 12 ins. square at the base and projecting 8 ins. above ground, and mkd.

F 51

1934

38.96

Proportionate point for  $\frac{1}{4}$  sec. cor. falls in the graded road, bearing N. 51° 30' W. to State Highway No. 10 and S. 51° 30' E. to Elmo, Utah. Cor. not set. There is no evidence of the original  $\frac{1}{4}$  sec. cor.

47.10

Old wagon road, bears NW. and SE.

49.40

Telephone line, bears N. 5° 15' E. to Price, Utah and S. 5° 15' W. to Huntington, Utah.

49.80

Utah State Highway No. 10, paved, bears N. 5° 15' E. to Price and S. 5° 15' W. to Huntington.

61.20

Main wash, 80 lks. wide, 30 ft. deep, drains SE.

77.92

Intersect the cor. of secs. 11, 12, 13, and 14.

Land, rolling and nearly level, draining SE.; sandstone formation.

Soil, rocky red sandy clay and gray clay, 3rd to 4th rate.

Undergrowth, salt brush, shadscale, white sagebrush and yellow top; fair grazing of gramma and bunch grass.

No timber.

N. 0° 23' W., bet. secs. 11 and 12.

Over nearly level land, through medium dense short undergrowth.

17.10

Wash, 70 lks. wide, 30 ft. deep, drains SE.

27.60

A main wash, 80 lks. wide, 30 ft. deep, drains S. 30° E.

31.30

Wagon road, bears N. 30° W. and S. 30° E.

40.51

Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 15x9x4 ins., marked  $\frac{1}{4}$  on W. face, firmly set 7 ins. in the ground and surrounded by a small mound of stone, and no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone and a sandstone, 9x5x3 ins., mkd. X, deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 36 S., R. 9 E.

Chains

S11	S12
-----	-----

1940

No other accessories are available.

Thence,

N. 0° 38' W., with continuous measurement.

Continue over nearly level land to sec. cor.

79.80 Wash, 20 lks. wide, 1 ft. deep, drains E.

81.38 Intersect the original cor. of secs. 1, 2, 11, and 12, which is a sandstone, 16x10x5 ins., loosely set 9 ins. in the ground, marked 5 notches on S. edge and 1 notch on E. edge, but not witnessed.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone and a sandstone, 7x6x3 ins., mkd. X, deposited at the base, for cor. of secs. 1, 2, 11, and 12, with brass cap mkd.

T16SR9E

S2|S1

S11|S12

1940

No other accessories are available.

Land, nearly level, draining SE.; sandstone formation.

Soil, gray clay, 3rd and 4th rate.

Undergrowth, salt brush, shadscale, white sagebrush and rabbit brush; fair grazing of gramma and bunch grass.

No timber.

From the restored cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp.,

N. 89° 56' W., bet. secs. 1 and 12.

Over nearly level and gently rolling land, through medium dense undergrowth; gradual ascent of 25 ft. to  $\frac{1}{4}$  sec. cor.

1.40 Wash, 15 lks. wide, 3 ft. deep, drains S. 60° E.

13.20 Wash, 30 lks. wide, 4 ft. deep, drains SE.

34.80 Utah State Highway No. 10, paved, bears N. 12° 42' E. to Price, Utah and S. 12° 42' W. to Huntington, Utah.

35.35 Telephone line, bears N. 12° 42' E. to Price and S. 12° 42' W. to Huntington.

39.08 Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a sandstone, 5x4x4 ins., mkd. X, deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

To 700

S1  
 $\frac{1}{4}$   
 S12  
 1940

No other accessories are available.

Continue gradual ascent of 25 ft. to sec. cor., over nearly level and gently rolling land.

52.30

Wagon road, bears NW. and SE., on top of small knoll, bearing NW. and SE.

60.50

Wash, 20 lks. wide, 4 ft. deep, heads N. about 10 chs. dist., drains S.

78.16

Intersect the cor. of secs. 1, 2, 11, and 12.

Land, nearly level and gently rolling, draining SE.; sandstone formation.

Soil, rocky red sandy clay and gray and blue clay, 4th rate.

Undergrowth, salt brush, shadscale, yellow top and white sagebrush; poor to fair grazing of gramma grass.

No timber.

N. 0° 38' W., bet. secs. 1 and 2..

Over nearly level land, through medium dense short undergrowth.

27.80

Old wagon road, bears N. 70° W. and S. 70° E.

40.51

Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 18x11x3 ins., loosely set 8 ins. in the ground and surrounded by a small mound of stone, and marked  $\frac{1}{4}$  on W. face, but no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone and a sandstone, 10x6x3 ins., mkd. X, deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S2 | S1  
 1940

No other accessories are available.

Thence,

N. 0° 46' W., with continuous measurement.

45.10

Wagon road, bears N. 30° W. and S. 30° E.

67.30

Wash, 30 lks. wide, 10 ft. deep, drains SE.

80.04

Intersect the Third Standard Parallel South at the closing cor. of secs. 1 and 2, which is a sandstone, 13x13x5 ins., loosely set 7 ins. in the ground and surrounded by a small mound of stone, marked with C C on N. face and 5 grooves on E. face, but no other markings visible on account of the stone crumbling away, and there is no evidence of additional accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground,

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

with the original stone deposited at the base, for closing cor. of secs. 1 and 2, with brass cap mkd.

T15SRQE

S36

S2|S1

T16SRQE

CC

1940

of stone, 3 ft. base, 2 ft. high, S. of cor.

raise a mound

From this closing cor., the 'standard' cor. of secs. 35 and 36, T. 15 S., R. 9 E., which is an iron post, 2 ins. diam., firmly set and projecting 9 ins. above ground, marked and witnessed as described in the official record of the survey of T. 15 S., R. 9 E., in this group, bears S. 89° 52' W. 1.96 chs. dist.

Land, nearly level and gently rolling, draining SE.; sandstone formation.

Soil, red sandy clay, and gray and blue clay, 3rd and 4th rate.

Undergrowth, shadscale, salt brush, cotton brush, yellow top and rabbit brush; fair to good grazing of gramma grass.

No timber.

From the reestablished cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp.,

N. 0° 54' E., bet. secs. 34 and 35.

Over gently rolling top of bench, through medium dense short undergrowth; gradual ascent of 35 ft. to  $\frac{1}{4}$  sec. cor.

4.80 Telephone line, bears N. 69° 14' W. to the line bet. Price and Huntington, Utah and S. 69° 14' E. to Cleveland, Utah.

32.00 Old wagon road, bears N. 85° W. and S. 85° E.

36.90 Old wagon road, bears N. 25° W. and S. 31° E.

40.30 Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

 $\frac{1}{4}$ 

S34

S35

1940

of stone,  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor.

raise a mound

Continue over nearly level and gently rolling land to sec. cor.

57.10 Old wagon road, bears NW., and SE.

80.60 Intersect the original cor. of secs. 26, 27, 34, and 35, which is a sandstone, 16x11x8 ins., marked with 1 groove on S. face and 2 notches on E. edge, firmly set 8 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone and a sandstone, 6x5x2 ins., mkd. X, deposited at the base, for cor. of secs. 26, 27, 34, and 35, with brass cap mkd.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains	
	<p>T16SR9E</p> <p>S27 S26</p> <p>S34 S35</p> <p>1940</p> <p>There are no other accessories available.</p> <p>Land, nearly level and gently rolling, draining SE.; sandstone and limestone formation.</p> <p>Soil, rocky red sandy clay, 3rd and 4th rate.</p> <p>Undergrowth, shadscale, yellow top, white sagebrush, and salt brush; fair grazing of gramma grass.</p> <p>No timber.</p>
	<p>From the cor. of secs. 25, 26, 35, and 36,</p> <p>S. 89° 38' W., bet. secs. 26 and 35.</p> <p>Over nearly level top of bench, through medium dense undergrowth.</p> <p>1.90 W. edge of bench, bears NW, and S. 60° E.; desc. SW. slope 75 ft.</p> <p>10.40 Wash, 40 lks. wide, 5 ft. deep, in the bottom of draw, drains S. 20° E.; asc. general E. slope 90 ft.</p> <p>15.50 E. edge of bench, bears N. about 3 chs. dist., thence northwesterly, and S. 20° W.; over nearly level top to</p> <p>20.00 W. edge of bench, bears N. 70° W. about 4 chs. dist., thence westerly, and SE.; asc. 15 ft. along S. breaks of bench to</p> <p>28.90 E. edge of bench, bears N. 70° E. about 3 chs. dist., thence easterly, and SW.; over nearly level top to</p> <p>31.00 W. edge of bench, bears NW, and SE.; desc. 90 ft. to <math>\frac{1}{4}</math> sec. cor., over SW. slope.</p> <p>39.08 Proportionate point; there is no evidence of the original <math>\frac{1}{4}</math> sec. cor.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap mkd.</p> <p style="text-align: center;">S26</p> <p style="text-align: center;"><math>\frac{1}{4}</math> ———</p> <p style="text-align: center;">S 35</p> <p style="text-align: center;">1940</p> <p style="text-align: right;">raise a mound</p> <p>of stone, <math>3\frac{1}{2}</math> ft. base; 3 ft. high, N. of cor.</p> <p>42.60 Wash, 30 lks. wide, 5 ft. deep, in the bottom of draw, 20 ft. below <math>\frac{1}{4}</math> sec. cor., drains SE.; asc. NE. slope 115 ft. to</p> <p>59.80 E. edge of bench, bears NW. and S. 70° E.; over nearly level top to</p> <p>78.16 Intersect the cor. of secs. 26, 27, 34, and 35.</p> <p>Land, nearly level, rolling, and broken, draining SE.; sandstone, limestone, and conglomerate sandstone.</p> <p>Soil, rocky red sandy clay, and gray and blue clay, 3rd and 4th rate.</p> <p>Undergrowth, shadscale, salt brush, cotton brush, yellow top, and greasewood; poor to good grazing of gramma grass.</p> <p>No timber.</p>

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

N. 0° 22' W., bet. secs. 26 and 27.

Asc. gradually 25 ft. to  $\frac{1}{4}$  sec. cor., over nearly level and gently rolling top of bench, through medium dense short undergrowth.

7.50 Old wagon road, bears N. 30° E. and S. 30° W.

27.00 Telephone line, bears N. 34° 37' E. to Price, Utah, and S. 34° 37' W. to Huntington, Utah.

27.60 Utah State Highway No. 10, paved, bears N. 34° 37' E. to Price, and S. 34° 37' W. to Huntington.

40.47 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 19x10x5 ins., loosely set 10 ins., in the ground, and marked  $\frac{1}{4}$  on W. face, but not witnessed.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone and a sandstone, 8x7x2 ins., mkd. X, deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S27 | S26  
1940

From this corner, USC & GS triangulation station "Eschill" bears approximately N. 55° 05' E., 23.40 chs. dist.

There are no other accessories available.

Thence

N. 0° 21' W., with continuous measurement.

Over nearly level top to sec. cor.

64.60 Wagon road, bears N. 57° W. and S. 57° E.

67.80 Wash, near head, 20 lks. wide, 1 ft. deep, drains E.

77.50 Wash, 10 lks. wide, 6 ft. deep, in head of draw, drains SE.

R. 83 Intersect the original cor. of secs. 22, 23, 26, and 27, which is a sandstone, 13x13x6 ins., marked with 2 grooves on S. face and 2 notches on S. edge, firmly set 5 ins. in the ground and surrounded by a small mound of stone, but no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 22, 23, 26, and 27, with brass cap mkd.

T163R9  
S22 | S23  
S27 | S26  
1940

of stone, 4 ft. base, 2 ft. high, 4. of cor.

raise a mound

Land, nearly level and gently rolling top of bench, draining SE.; sandstone and limestone formation.

Soil, rocky red sandy clay, 3rd and 4th rate.

Undergrowth, shrubs, yellow top, white sagebrush, and salt brush; fair grazing of grama grass.

No timber.

1.2.3

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

From the cor. of secs. 23, 24, 25, and 26,

N. 88° 44' W., bet. secs. 23 and 26.

Asc. gradually 15 ft. to  $\frac{1}{4}$  sec. cor., over nearly level and gently rolling land, through medium dense undergrowth.

18.00 Approximate dist., wash drains SE.

36.76 Telephone line, bears N. 43° 00' E. to Price, Utah and S. 43° 00' W. to Huntington, Utah.

37.50 Utah State Highway No. 10, paved, bears N. 43° 00' E. to Price and S. 43° 00' W. to Huntington,

40.00 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 14x13x4 ins., loosely set 6 ins. in the ground, marked  $\frac{1}{4}$  on N. face, and not witnessed.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S23  
—  
S26  
1940

of stone, 3 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

raise a mound

Thence,

S. 89° 37' W., with continuous measurement.

Begin ascent of 155 ft., over general E. slope.

60.90 E. edge of bench, bears N. 20° E. and SE.; gradual ascent of 10 ft., over nearly level top to

63.60 W. edge of bench, bears N. 60° W. and SE.; desc. SW. slope 105 ft.

67.20 Wash, 50 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; asc. rocky NE. slope 110 ft. to

71.60 E. edge of bench, bears N. 60° W. and S. 60° E.; asc. gradually 15 ft., over rolling top to

80.96 Intersect the cor. of secs. 22, 23, 26; and 27.

Land, nearly level, rolling and broken, draining SE.; sandstone, limestone, and conglomerate sandstone formation.

Soil, rocky red sandy clay, and gray and blue clay, 3rd and 4th rate.

Undergrowth, shadscale, yellow top, white sagebrush and salt brush; fair grazing of gramma grass.

No timber.

N. 0° 20' W., bet. secs. 22 and 23.

Over nearly level top of bench, through medium dense short undergrowth.

7.80 N. edge of bench, bears NW. and SE.; desc. NE. slope 85 ft.

11.20 Wash, 40 lks. wide, 3 ft. deep, in the bottom of draw, drains SE.;

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

asc. SW. slope 95 ft.

15.00 S. edge of bench, bears N. 60° W, and SE.; gradual ascent of 10 ft. across top.

31.70 N. edge of bench, bears NW. and SE.; desc. 140 ft. to  $\frac{1}{4}$  sec. cor., over NE. slope.39.79 Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S22 | S23  
 1940

raise a mound

of stone,  $4\frac{1}{2}$  ft. base, 3 ft. high, W. of cor.

42.00 Old wagon road, bears NW. and SE.

44.60 Swale, 5 ft. below  $\frac{1}{4}$  sec. cor., drains SE.; asc. gradual rolling general S. slope 70 ft. to sec. cor.

72.40 Wash, 30 lks. wide, 4 ft. deep, at the mouth of draw, from NW., drains SE.

79.58 Intersect the original cor. of secs. 14, 15, 22, and 23, which is a sandstone, 17x15x6 ins., loosely set 9 ins. in the ground and surrounded by a small mound of stone, marked with 3 notches on S. edge and 2 grooves on SE. face, and no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 14, 15, 22, and 23, with brass cap. mkd.

T16SR9E

S15 | S14

S22 | S23

1940

raise a mound

of stone,  $4\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor.

Land, nearly level, rolling and broken, draining SE.; sandstone and limestone formation.

Soil, rocky red sandy clay, and gray and blue clay, 3rd and 4th rate.

Undergrowth, shadscale, salt brush, cotton brush, yellow top and greasewood; poor to good grazing of gramma grass.

No timber.

From the cor. of secs. 13, 14, 23, and 24,

S. 89° 23' W., bet. secs. 14 and 23.

Asc. gradually 65 ft., over gently rolling land, through medium dense short undergrowth.

7.40 Old wagon road, bears N. and S.

17.60 Wash, 15 lks. wide, 4 ft. deep, from SW., drains NE.

23.20 Same wash, drains from NW. to SE. about 7 chs. dist., thence NE.; low

# INDEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

rolling land, begin abrupt ascent of 220 ft., over general E. slope. E. edge of bench, bears N. and S. about 60 lks. dist., thence westerly; over nearly level top to

W. edge of bench, bears NW. and SE. about 1 ch. dist., thence easterly; along S. breaks of bench to

E. edge of bench, bears NE. and SW.; over nearly level top to

W. edge of bench, bears N. 60° W. and SE. about 4 chs. dist., thence northeasterly; desc. abrupt rough SW. slope 25 ft. to

Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mhd.

314

323

1940

of stone; 3 ft. base; 1 $\frac{1}{2}$  ft. high, N. of cor. raise a mound

Wash, 20 lks. wide, 3 ft. deep, in the bottom of draw, 95 ft. below  $\frac{1}{4}$  sec. cor., drains SE.; steep ascent of 115 ft.

E. edge of prong of bench, bears N. about 3 chs. dist., thence northeasterly, and S. 20° E.; desc. gradually 10 ft., over nearly level top to

W. edge of prong of bench, bears N. 30° W.; approximately 6 chs. dist.; thence northeasterly, and S. 30° E.; desc. SW. slope 130 ft.

Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, from N., drains S. 10° W.; gradual ascent of 15 ft., along rolling S. slope or breaks of bench to

Intersect the cor. of secs. 14, 15, 22, and 23.

Land, rolling, rough, and broken, draining SE.; sandstone, limestone, and conglomerate sandstone.

Soil, rocky red sandy clay, and gray and blue clay, 3rd to 4th rate.

Undergrowth, shadscale, yellow top, white sagebrush, and salt brush; poor to fair grazing of gramma and sand grass.

No timber.

N. 0° 49' W., bet. secs. 14 and 15:

Asc. rocky S. slope 135 ft., through medium dense short undergrowth.

S. edge of bench, bears N. 30° E. approximately 2 chs. dist., thence S. 60° E., and SW. about 2 chs. dist., thence N. 10° W.; gradual ascent of 15 ft., over nearly level top to

N. edge of bench, bears NW. and S. 20° E.; desc. NE. slope 75 ft.

Wash, 30 lks. wide, 3 ft. deep, in the bottom of draw, heads NW. about 30 chs. dist., drains SE.; desc. abruptly 85 ft. to  $\frac{1}{4}$  sec. cor., over rough SW. slope.

Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mhd.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

S15

S14

1940

raise a mound

of stone,  $4\frac{1}{2}$  ft. base;  $3\frac{1}{2}$  ft. high, W. of cor.41.10 S. edge of bench, bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.; over nearly level top to50.90 N. edge of bench, bears N.  $20^{\circ}$  W. and E. approximately 6 chs. dist., thence southeasterly; desc. 210 ft., along abrupt and broken NE. slope.

68.30 Wash, 30 lks. wide, 8 ft. deep, in the bottom of draw, drains E.; asc. S. slope 35 ft.

75.70 Spur, slopes E. about 5 chs. dist.; desc. NE. slope 25 ft. to

80.86 Intersect the original cor. of secs. 10, 11, 14, and 15, which is a sandstone,  $27 \times 13 \times 8$  ins., marked with 4 grooves on S. and 2 grooves on E. faces, firmly set 10 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 10, 11, 14, and 15, with brass cap mkd.

T16SR9E

S10 | S11

S15 | S14

1940

raise a mound

of stone,  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor.

Land, nearly level, rolling, rough, and broken, draining easterly and southeasterly; sandstone and limestone formation.

Soil, rocky red sandy clay, and gray and blue clay, 3rd and 4th rate.

Undergrowth, shadscale, yellow top, white sagebrush, and salt brush; poor to fair grazing of gramma and sand grass.

No timber.

From the cor. of secs. 11, 12, 13, and 14,

N.  $89^{\circ} 29'$  W., bet. secs. 11 and 14.Over nearly level land, through medium dense short undergrowth; asc. gentle E. slope 50 ft. to  $\frac{1}{4}$  sec. cor.16.70 Old wagon road, bears NW. and S.  $70^{\circ}$  E.41.00 Old wagon road, bears N.  $15^{\circ}$  W. and S.  $15^{\circ}$  E.41.76 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone,  $15 \times 10 \times 10$  ins., loosely set in ground and marked  $\frac{1}{4}$  on N. face, but not witnessed.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground,

# U. S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FIELD NOTES T. 16 S., R. 9 E.

## Chains

with the original stone and a sandstone, 6x3x3 ins., mkl. I, deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkl.

at northw. 1/4 sec. 10, S. 89° 08' W., with continuous measurement.

1940

No other accessories are available.

Thence, S. 89° 08' W., with continuous measurement.

Continue gradual ascent of 115 ft., over nearly level and rolling general E. slope to

81.32 Intersect the cor. of secs. 10, 11, 14, and 15.

Land, nearly level, rolling, and gently rolling general E. slope; sandstone and limestone formation.

Soil, red sandy clay, and gray and blue clay, 4th rate.

Undergrowth, salt brush, shadscale, yellow top and white sagebrush; poor to fair grazing of gramma grass.

No timber.

N. 0° 26' E., bet. secs. 10 and 11.

Over rolling land, through medium dense short undergrowth; desc. NE. slope 15 ft.

4.00 Wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, drains E.; asc. general S. slope 125 ft.

10.20 Spur, projects S. 70° E. approximately 10 chs. dist.; desc. 180 ft., along general NE. slope.

36.70 Wash, 40 lks. wide, 3 ft. deep, in the bottom of swale, drains S. 70° E.; over nearly level land to

40.29 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 15x9x6 ins., marked  $\frac{1}{4}$  on W. face, firmly set 8 ins. in the ground and surrounded by a small mound of stone; no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkl.

$\frac{1}{4}$

S10 S11

1940

of stone, 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Raise a mound

Thence,

N. 2° 27' W., with continuous measurement.

45.30 Top of ascent on E. slope of knoll, 10 ft. above  $\frac{1}{4}$  sec. cor.; desc.

## DEPENDENT RESURVEY OF THE SUBDIVISION BEG. COR. S., R. 9 E.

salind0

Chains

81.65

gradually 15 ft., over nearly level land to the old site  
Intersect the original cor. of secs. 2, 3, 10, and 11, which is a  
sandstone, 21x8x4 ins., loosely set 10 ins. in the ground and sur-  
rounded by a small mound of stone, and marked with 5 notches on S.  
edge and 2 grooves on SE. face, with no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground,  
with the original stone and a sandstone, 9x5x3 ins., mkt. X, deposited  
at the base, for cor. of secs. 2, 3, 10, and 11, with brass cap mkt.

T1689E

53 | 82

S10 | S11

1940

Land, nearly level and rolling, draining easterly; sandstone and lime-  
stone formation.

Soil, red sandy clay, and gray and blue clay, 3rd and 4th rate.

Undergrowth, salt brush, shadscale, white sagebrush and yellow top;  
poor to fair grazing of gramma grass.

No timber.

From the cor. of secs. 1, 2, 11, and 12,

S. 89° 41' W., bet. secs. 2 and 11.

Over nearly level land, through medium dense short undergrowth.

21.90 Wash, 25 lks. wide, 6 ft. deep, drains from NW. to S. 80° E.

27.80 Wagon road, bears NW. and SE.

31.60 A main wash, 60 lks. wide, 40 ft. deep, drains S. 30° E.

40.64 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 11x6x6 ins.,  
loosely set 5 ins. in the ground and surrounded by a small mound of  
stone, and marked  $\frac{1}{4}$  on N. face, with no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with  
the original stone and a sandstone, 9x6x1 ins., mkt. X, deposited at  
the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkt.

S2

 $\frac{1}{4}$ 

S11

1940

Thence,

N. 89° 41' W., with continuous measurement.

Over nearly level and gently rolling land to sec. cor.

50.20 Wash, 15 lks. wide, 4 ft. deep, drains SE.

56.00 Wash, 20 lks. wide, 4 ft. deep, drains S. 60° E.

72.40 Old wagon road, bears N. 20° W. and S. 20° E.

# DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

82.05 Intersect the cor. of secs. 2, 3, 10, and 11, 30 ft. above  $\frac{1}{4}$  sec. cor.

Land, nearly level and gently rolling, draining SE.; sandstone formation.

Soil, red sandy clay, and gray and blue clay, 3rd and 4th rate.

Undergrowth, salt brush, shadscale, yellow top and white sagebrush; poor to fair grazing of gramma grass.

No timber.

N. 0° 08' W., bet. secs. 2 and 3.

Over nearly level bottom of swale, through medium dense short undergrowth.

10.80 Wash, 20 lks. wide, 4 ft. deep, drains N. 80° E.

38.10 Wash, 90 lks. wide, 35 ft. deep, drains S. 60° E.

39.95 Proportionate point for  $\frac{1}{4}$  sec. cor. falls in a wash, 50 lks. wide, 15 ft. deep, draining SE., making the establishment of a cor. monument impracticable. Cor. not set. There is no evidence of the original  $\frac{1}{4}$  sec. cor.

41.95 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$

S3 | S2

WC

1940

of stone, 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

raise a mound

56.00 Wagon road, bears NW. and SE.

79.90 Intersect the Third Standard Parallel South at the proportionate point for closing cor. of secs. 2 and 3, S. 89° 59' E. 80 lks. dist. from the standard cor. of secs. 34 and 35, T. 15 S., R. 9 E., which is an iron post, 2 in. diam., firmly set and projecting 9 ins. above ground, marked and witnessed as described in the official record of the survey of T. 15 S., R. 9 E., in this group. There is no evidence of the original closing cor. of secs. 2 and 3.

Proportionate distance at point of intersection.

Set an iron post, 3 ft. long, 2 in. diam., 27 ins. in the ground, with a sandstone, 6 in. x 2 in., mkd. X. deposited at the base, for closing cor. of secs. 2 and 3, with brass cap mkd.

T15SR9E

S35

S3 | S2

T16SR9E

CC

1940

Land, nearly level and gently rolling, draining SE.; sandstone and limestone formation.

## DEPARTMENT RECORDS OF THE SUBDIVISION OF T. 36 S., R. 9 E.

Chains

and 30

Soil, red sandy clay, and gray and blue clay. 3rd and 4th rates.

Undergrowth, salt brush, shadescale, yellow top and white sagebrush; poor to fair grazing of grama grass.

No timber.

From the restored or true point for cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp.,

N. 1° 46' E., bet. secs. 33 and 34.

Over nearly level bottom of hollow, through dense undergrowth.

17.00 Leave nearly level bottom, bears NW. and SE.; asc. SW., slope 20 ft.

22.30 S. edge of bench, bears NW. and S. 70° E.; gradual ascent of 20 ft. to  $\frac{1}{2}$  sec. cor., over nearly level top.39.96 Intersect the original  $\frac{1}{2}$  sec. cor., which is a sandstone, 1420x6 ins., loosely set 6 ins. in the ground and surrounded by a small mound of stone, and marked  $\frac{1}{2}$  on W. face, with no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{2}$  sec. cor., with brass cap mkl.

S33	S34
-----	-----

1940

of stone, 2 $\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.

raise a mound

Thence,

N. 0° 15' W., with continuous measurement.

78.80 N. edge of bench, 25 ft. above  $\frac{1}{2}$  sec. cor., bears NW. and S. 20° W.; desc. broken NW. slope 20 ft. to

80.53 Intersect the original cor. of secs. 27, 28, 33, and 34, which is a sandstone, 15x7 ins., marked with 1 notch on E. and 3 notches on W. edges, firmly set 9 ins. in the ground and surrounded by a small mound of stone; no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 27, 28, 33, and 34, with brass cap mkl.

T16892

828 827

833 834

1940

of stone, 3 $\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.

raise a mound

.noitamroT enofoemil

U. S. DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT  
 INDEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

Land, nearly level, rolling, and broken, draining southeasterly; sandstone and limestone formation.

Soil, red sandy clay, and gray and blue clay, 1st to 4th rate.

Undergrowth, shadscale, greasewood, white sagebrush, yellow top, and salt brush; fair to good grazing of gramma grass.

No timber.

From the cor. of secs. 26, 27, 34, and 35,

S. 89° 30' W., bet. secs. 27 and 34.

Over nearly level and gently rolling top of bench, through medium dense short undergrowth.

7.10 Old wagon road, bears N. 20° E. and S. 20° W.

15.50 Old wagon road, bears NW. and SE.

18.60 Telephone line, bears N. 34° 37' E. to Price, Utah and S. 34° 37' W. to Huntington, Utah.

19.10 Utah State Highway No. 10, paved, bears N. 34° 37' E. to Price and S. 34° 37' W. to Huntington.

22.10 Wagon road, bears NW. and SE.

31.30 Wagon road, bears N. 30° W. and S. 30° E.

39.60 Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, near head, drains S.

43.22 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 18x8x7 ins., marked  $\frac{1}{4}$  on N. face, firmly set 10 ins. in the ground and surrounded by a small mound of stone, but no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S27

$\frac{1}{4}$  —  
 S34  
 1940

of stone, 4 ft. base, 2 $\frac{1}{2}$  ft. high, N. of cor.

raise a mound

This cor. stands 25 ft. above the cor. of secs. 26, 27, 34, and 35.

Thence,

S. 89° 10' W., with continuous measurement.

W. edge of bench, 10 ft. above  $\frac{1}{4}$  sec. cor., bears N. 30° W. and S. 10° E.; desc. SW. slope 50 ft.

Wash, 50 lks. wide, 4 ft. deep, in the bottom of draw, drains S. 20° E.; desc. NE. slope 45 ft.

E. edge of bench, bears N. 20° W. and S. 20° E.; over nearly level top.

# INDEPENDENT RECOVERY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

closed

## Chains

- 62.80 Wagon road, bears N. 30° W. and S. 30° E.
- 68.20 W. edge of bench, bears N. 10° W. and SE.; desc. SW. slope 30 ft.
- 73.10 Wash, 25 lks. wide, 4 ft. deep, in the bottom of draw, drains S. 20° E.; asc. 30 ft.
- 77.70 Top of ascent on N. slope of bench to S.; gradual descent of 10 ft. to
- 80.55 Intersect the cor. of secs. 27, 28, 33, and 34.

Land, nearly level, rolling, and broken, draining generally SE.; sandstone and limestone formation.

Soil, rocky red sandy clay, and gray and blue clay, 3rd to 4th rate.

Undergrowth, shadscale, greasewood, white sagebrush, yellow top, and salt brush; fair to good grazing of gramma grass.

No timber.

N. 0° 17' W., bet. secs. 27 and 28.

Desc. gradual NW. slope 10 ft., through dense undergrowth.

- 11.90 Wash, 60 lks. wide, 7 ft. deep, in the bottom of hollow, draining from NW. to S. 10° W.; asc. gradual SW. slope 50 ft.

- 25.20 S. edge of bench, bears NW. and SE.; over level top to

- 39.82 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 13x10x6 ins., marked  $\frac{1}{4}$  on W. face, loosely set in a small mound of stone, but no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

328 | 327

1940

of stone,  $\frac{3}{8}$  ft. base, 2 ft. high, W. of cor.

raise a mound

Thence,

N. 0° 15' W., with continuous measurement.

- 47.40 Wagon road, bears NW. and SE.
- 48.80 W. edge of bench, 25 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.; desc. SE. slope 25 ft.
- 53.30 Wash, 50 lks. wide, 5 ft. deep, in the bottom of draw, drains SE.; and along general S. slope 85 ft.
- 57.60 Junction of a wash, 15 lks. wide, 2 ft. deep, from NW. with a wash, 10 lks. wide, 1 ft. deep, from N. 20° E., drains S. 10° E.
- 71.60 S. edge of bench, bears SE. and S. 20° W.; asc. gradually 15 ft., over gently rolling top to

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

80.22

David line

Intersect the original cor. of secs. 21, 22, 27, and 28, which is a sandstone, 16x10x8 ins., loosely set 7 ins. in the ground and surrounded by a small mound of stone, and marked with 2 notches on S. and 3 notches on E. edges, with no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 21, 22, 27, and 28, with brass cap mkd.

T16SR9E

S21 S22

S28 S27

1940

of stone, 5 ft. base, 3 ft. high, W. of cor.

raise a mound

Land, nearly level, rolling and broken, draining SE.; sandstone and limestone formation.

Soil, red sandy clay, and gray and blue clay, 3rd to 4th rate.

Undergrowth, shadscale, greasewood, white sagebrush, yellow top and salt brush; fair to good grazing of gramma grass.

No timber.

From the cor. of secs. 22, 23, 26, and 27,

N. 89° 42' W., bet. secs. 22 and 27.

Over nearly level top of bench, through medium dense short undergrowth.

16.90

Wagon road, bears N. 45° 30' W. and S. 45° 30' E.

39.84

Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 15x8x5 ins., marked  $\frac{1}{4}$  on N. face, firmly set 8 ins. in the ground and surrounded by a small mound of stone, with no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone and a sandstone, 4x3x2 ins., mkd. X, deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S22

 $\frac{1}{4}$ 

S27

1940

Thence,

S. 87° 33' W., with continuous measurement.

61.90

Wagon road, bears N. 29° W. and S. 29° E.

72.70

Wagon road, bears NW. and SE.

80.42

Intersect the cor. of secs. 21, 22, 27, and 28.

Land, nearly level and gently rolling, draining SE.; sandstone and limestone formation.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 26 S., R. 9 E.

Chains

S21 S22

S2.03

Soil, red sandy clay, 2nd rate. Undergrowth, shadescale, white sagebrush, yellow top and salt brush; fair to good grazing of gramma grass.

No timber.

N. 0° 08' W., bet. secs. 21 and 22.

Asc. gradually 55 ft. to  $\frac{1}{4}$  sec. cor., over nearly level and gently rolling top of bench, through medium dense short undergrowth.

31.80 Wagon road, bears N. 30° W. and S. 45° E.

35.80 Fork of same wagon road, bears N. 30° W. and S. 30° E.

40.29 Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S21 S22

1940

of stone, 4 ft. base, 2 $\frac{1}{2}$  ft. high, W. of cor.

Continue gradual ascent of 25 ft. to sec. cor.

49.60 Wagon road, bears N. 39° W. and S. 39° E.

55.00 Shallow wash, 40 lks. wide, drains SE.

80.58 Intersect the original cor. of secs. 15, 16, 21, and 22, which is a sandstone, 16x8x6 ins., lobsely set 7 ins. in the ground and surrounded by a small mound of stone, and marked with 3 notches on each of the S. and E. edges, with no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, with the original stone and a sandstone, 8x5x2 ins., mkd. X, deposited at the base, and in a mound of stone, 5 ft. base, 1 $\frac{1}{2}$  ft. high, for cor. of secs. 15, 16, 21, and 22, with brass cap mkd.

T16GR9E

S16 S15

S21 S22

1940

Land, nearly level and gently rolling, draining SE.; sandstone and limestone formation.

Soil, red sandy clay, 2nd rate.

Undergrowth, shadescale, white sagebrush, yellow top and salt brush; fair to good grazing of gramma grass.

No timber.

From the cor. of secs. 14, 15, 22, and 23.

DEPENDENT MEASUREMENTS OF THE SUBDIVISION OF T. 16 S., R. 9 E.

31.07	S. 89° 20' W., bet. secs. 15 and 22.
31.07	Desc. 15 ft., along general S. slope, through medium dense short undergrowth.
2.70	Wash, 40 lks. wide, 2 ft. deep, in the bottom of draw, from NW., drains S.; asc. NE. slope 75 ft.
14.00	Spur or saddle bet. SE. edge of bench NW. about 8 chs. dist. and top of conical shaped knoll SE. approximately 10 chs. dist.; desc. 50 ft.
31.10	Wash, 20 lks. wide, 1 ft. deep, in the bottom of draw, heads NW. about 15 chs. dist., drains S. 20° E.; asc. 65 ft.
34.40	Spur, slopes SE. about 1.50 chs. dist.; desc. 70 ft.
38.50	A main wash, 40 lks. wide, 10 ft. deep, in the bottom of draw, drains SE.; asc. gradually 10 ft. to $\frac{1}{4}$ sec. cor., over NE. slope.
39.72	Intersect the original $\frac{1}{4}$ sec. cor., which is a sandstone, 21x8x6 ins., marked $\frac{1}{4}$ on N. face, firmly set 10 ins. in the ground and surrounded by a small mound of stone, with no other accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	<div style="text-align: center;">           S15  <math>\frac{1}{4}</math> ———            S22            1940         </div>
	of stone, $3\frac{1}{2}$ ft. base, 2 ft. high, N. of cor. raise a mound
	Thence,
	S. 89° 51' W., with continuous measurement.
40.80	Wagon road, bears NW. and SE.
58.40	E. edge of bench, 160 ft. above $\frac{1}{4}$ sec. cor., bears N. 60° W. and SE.; asc. gradually 35 ft., over nearly level and gently rolling top to
80.06	Intersect the cor. of secs. 15, 16, 21, and 22.
	Land, nearly level, rolling and broken, draining SE.; sandstone and limestone formation.
	Soil, red sandy clay, and gray and blue clay, 2nd to 4th rate.
	Undergrowth, shadscale, white sagebrush, yellow top and salt brush; poor to fair grazing of gramma grass.
	No timber.
	N. 9° 35' W., bet. secs. 15 and 16.
	Over nearly level and gently rolling top of bench, through medium dense short undergrowth.
10.80	N. edge of bench, bears N. 70° W. and NE.; desc. 100 ft.
17.50	Wash, 30 lks. wide, 5 ft. deep, in the bottom of draw, drains S. 70° E. about 4 chs. dist., thence N. 80° E.; asc. 60 ft.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

21.20 Spur, projects S. 80° E. approximately 7 chs. dist.; desc. 70 ft. to  $\frac{1}{4}$  sec. cor., along N. and NE. slope.

40.46 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 19x15x3 ins., loosely set 8 ins. in the ground and surrounded by a small mound of stone, and marked  $\frac{1}{4}$  on N. face, with no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S16 S15

1940

of stone,  $4\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor. raise a mound

Thence,

N. 2° 37' W., with continuous measurement.

Over level land to

41.00 Wash, 40 lks. wide, 8 ft. deep, in the bottom of draw, drains SE.; asc. SW. slope 130 ft.

49.20 S. edge of bench, bears NW. and S. 70° E.; enter a medium heavy growth of timber, bears same as edge of bench; over nearly level top to

52.60 N. edge of bench, bears NW. and S. 60° E.; desc. rocky NE. slope 110 ft.

58.30 Leave timber, bears NW. and SE.

67.20 Wash, 40 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; asc. SW. slope 145 ft. to

74.70 S. edge of bench, bears N. 60° W. and SE.; enter a heavy growth of timber, bears NW. and SE.; over nearly level top to

82.13 Intersect the original cor. of secs. 9, 10, 15, and 16, which is a sandstone, 13x10x6 ins., marked with 4 grooves on S. face and 3 notches on SE. edge, firmly set 6 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A pinon pine, 13 ins. diam., bears S. 43° 30' W., 38 lks. dist., mkd. T 16 S R 9 E S 16 B T.

A cedar limb, 9 ins. diam., bears N. 47° 30' W., 79 lks. dist., mkd. T 16 S R 9 E S 9 B T.

There is no evidence of the original bearing tree in sec. 10.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone,  $4\frac{1}{2}$  ft. base,  $13\frac{1}{4}$  ft. high, for cor. of secs. 9, 10, 15, and 16, with brass cap mkd.

T16SR9E

S9/S10

S16/S15

1940

from which

# DEFINITE RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

A pinon pine, 10 ins. diam., bears N.  $48^{\circ} 25'$  E., 120 lks.  
dist., mkd. T 16 S R 9 E S 10 B T.

A pinon pine, 12 ins. diam., bears S.  $34^{\circ} 45'$  E., 80 lks.  
dist., mkd. T 16 S R 9 E S 15 B T.

Land, nearly level, rolling, and broken, draining SE.; sandstone and sandstone conglomerate formation.

Soil, rocky red sandy clay, and gray and blue clay, 3rd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, black brush, white sagebrush, yellow top, and salt brush; poor to fair grazing of gramma and bunch grass.

From cor. of secs. 10, 11, 14, and 15,

N.  $89^{\circ} 32'$  W., bet. secs. 10 and 15.

Asc. rolling and broken NE. slope 220 ft., through scattering undergrowth.

9.50 E. edge of bench, bears NW. and SE.; enter medium dense undergrowth, bears same as edge of bench; gradual ascent of 30 ft. to  $\frac{1}{4}$  sec. cor., over gently rolling top.

40.62 Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone,  $4\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S10

$\frac{1}{4}$

S15

1940

from which

A cedar limb, 5 ins. diam., bears S.  $2^{\circ} 30'$  W., 352 lks.  
dist., mkd.  $\frac{1}{4}$  S 15 B T.

A cedar, 7 ins. diam., bears N.  $71^{\circ} 12'$  W., 402 lks.  
dist., mkd.  $\frac{1}{4}$  S 10 B T.

45.00 Enter scattering timber.

70.90 W. edge of bench, 35 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.; desc. rocky SW. slope 100 ft.

76.20 Wash, 40 lks. wide, 5 ft. deep, in the bottom of draw, drains SE.; asc. broken NE. slope 105 ft. to

79.20 E. edge of bench, bears N. and S.  $30^{\circ}$  E.; enter a heavy growth of timber, bears same as edge of bench; over nearly level top to

81.24 Intersect the cor. of secs. 9, 10, 15, and 16.

Land, benches with nearly level and gently rolling tops and rolling and broken slopes; drainage SE.; sandstone and limestone formation.

Soil, red sandy clay and gray clay, 3rd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, yellow top, white sagebrush, and salt brush; fair to good grazing of gramma grass.

salad

Chains

N. 0° 23' E., bet. sec. 9 and 10. 01

Desc. gradually 10 ft., over nearly level top of bench, through heavy timber and scattering undergrowth.

5.80 N. edge of bench, bears NW. and S. 20° E.; timber becomes scattering and in patches; desc. NE, slope 75 ft.

8.60 Wash, 35 lks. wide, 4 ft. deep, in the bottom of draw, drains SE.; asc. rocky SW. slope 90 ft.

15.70 S. edge of bench, bears N. 60° W. and S. 20° E.; enter a heavy growth of timber, bears same as edge of bench; asc. gradually 20 ft. to 1/2 sec. cor., over gently rolling top.

28.00 Leave timber, bears NW. and SE.

33.00 Enter a heavy growth of timber, bears NW. and SE.

40.04 Intersect the original 1/2 sec. cor., which is a sandstone, 24x14x6 ins. marked 1/2 on W. face, firmly set 12 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A cedar limb, 8 ins. diam., bears N. 88° 00' E., 24 lks. dist., mkd. 1/2 S B T.

A cedar limb, dead, 6 ins. diam., bears N. 67° 15' W., 43 lks. dist., mkd. 1/2 S B T.

I add the number of the sec. to the markings on the bearing tree in sec. 10.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for 1/2 sec. cor., with brass cap mkd.

1/2

.89	S10
1940	

from which

A cedar, 8 ins. diam., bears N. 56° 00' W., 75 lks. dist., mkd. 1/2 S 9 B T.

Thence,

N. 1° 15' W., with continuous measurement.

51.50 Wash, 20 lks. wide, 2 ft. deep, in the bottom of draw, 10 ft. below 1/2 sec. cor., drains S. 70° E.; gradual ascent of 20 ft. to

61.40 N. edge of bench, bears NW. and SE.; desc. NE, slope 35 ft.

64.40 Draw, heads NW. about 5 chs. dist., drains S. 60° E. approximately 10 chs. dist., thence NE.; asc. 35 ft.

65.40 S. edge of prong of bench, bears NW. and E.; gradual ascent of 10 ft. across top to

69.20 N. edge of prong of bench, bears N. 80° W. and SE.; leave heavy timber bears N. 80° W. and SE., and enter scattering; desc. abruptly 240 ft. to sec. cor., across the head of draw, draining NE.

80.58 Intersect the original cor. of sec. 3, 4, 9, and 10, which is a sandstone, 16x7x6 ins., marked with 5 grooves on S. and 3 grooves on E.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

faces, firmly set 8 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A cedar limb, 8 ins. diam., bears S.  $12^{\circ} 45'$  W., 65 lks.  
dist., mkd. T 16 S R 9 E S 9 B T.

A cedar limb, dead, 5 ins. diam., bears N.  $33^{\circ} 15'$  W., 89 lks.  
dist., mkd. T 16 S R 9 E S 4 B T.

There is no evidence of the original bearing tree in sec. 3.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 3, 4, 9, and 10, with brass cap mkd.

T16SR9E

S4|S3

S9|S10

1940

from which

A pinon pine, 7 ins. diam., bears N.  $57^{\circ} 25'$  E., 157 lks.  
dist., mkd. T 16 S R 9 E S 3 B T.

A cedar limb, 8 ins. diam., bears S.  $49^{\circ} 12'$  E., 210 lks.  
dist., mkd. T 16 S R 9 E S 10 B T.

A cedar, 5 ins. diam., bears N.  $44^{\circ} 35'$  W., 87 lks.  
dist., mkd. T 16 S R 9 E S 4 B T.

Land, nearly level, rolling, and broken, draining easterly and south-easterly; sandstone and limestone formation.

Soil, rocky red sandy clay, and gray and blue clay, 3rd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, yellow top, and shadscale; fair to good grazing of gramma grass.

From the cor. of secs. 2, 3, 10, and 11.

S.  $89^{\circ} 38'$  W., bet. secs. 3 and 10.

Over nearly level and gently rolling land, through medium dense short undergrowth; gradual ascent of 75 ft. to  $\frac{1}{4}$  sec. cor.

15.30

Wash, 20 lks. wide, 1 ft. deep, drains N.  $20^{\circ}$  E.

40.38

Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 8x6x5 ins., marked  $\frac{1}{4}$  on N. face, firmly set 4 ins. in the ground and surrounded by a small mound of stone, but no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone and a sandstone, 5x3x2 ins., mkd. X, deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S3

$\frac{1}{4}$

S10

1940

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## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

united

Chains

There are no other accessories available.

Thence,

S. 89° 51' W., with continuous measurement.

50.00 Enter rolling and broken land.

55.30 Spur, 85 ft. above  $\frac{1}{4}$  sec. cor., projects NE. approximately 12 chs. dist.; desc. 35 ft.

60.00 Wash, 10 lks. wide, 1 ft. deep, drains N. 10° E.

67.30 Wash, 15 lks. wide, 1 ft. deep, in the bottom of draw, drains NE.; asc. SE. slope 120 ft. to sec. cor.

68.00 Enter scattering timber.

80.35 Intersect the cor. of secs. 3, 4, 9, and 10.

Land, nearly level, rolling, and broken, draining E. and NE.; sandstone formation.

Soil, red sandy clay and gray clay, 3rd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, salt brush, white sagebrush, and rabbit brush fair to good grazing of gramma and bunch grass.

N. 0° 03' W., bet. secs. 3 and 4.

Asc. SE. slope 5 ft., over rolling and broken land, through scattering timber and undergrowth.

0.70 Spur, projects N. 70° E. approximately 15 chs. dist.; desc. 40 ft.

2.00 Leave timber.

6.40 Wash, 30 lks. wide, 5 ft. deep, in the bottom of draw, drains NE.; asc. 60 ft.

14.10 Spur, slopes E., about 4 chs. dist.; desc. gradually 90 ft. to  $\frac{1}{4}$  sec. cor., over nearly level, rolling, and broken land.40.09 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 14x7x6 ins. marked  $\frac{1}{4}$  on W. face, and loosely set in a small mound of stone, but not witnessed.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S4

S3

1940

of stone, 3 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

raise a mound

Thence,

N. 0° 48' E. with continuous measurement.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

40.80

A main wash, 150 lks. wide, 50 ft. deep, drains N. 80° E.

68.10

Wash, 20 lks. wide, 2 ft. deep, drains N. 70° E.

75.40

Wash, 40 lks. wide, 12 ft. deep, drains S. 70° E.

75.90

S. bank of a main wash, 12 ft. high, bears NW. and S. 60° E.

78.70

N. bank of the wash, 12 ft. high, bears NW. and S. 60° E.

80.21

Intersect the Third Standard Parallel South at the proportionate point for closing cor. of secs. 3 and 4, N. 89° 55' E. 82 lks. dist. from the standard cor. of secs. 33 and 34, T. 15 S., R. 9 E., which is an iron post, 2 ins. diam., firmly set and projecting 9 ins. above ground, marked and witnessed as described in the official record of the survey of T. 15 S., R. 9 E., in this group. There is no evidence of the original closing cor. of secs. 3 and 4.

Proportionate distance at point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 3 and 4, with brass cap mkd.

T15SR9E

S34

S4 | S3

T16SR9E

CC

1940

of stone,  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, S. of cor.

raise a mound

Land, nearly level, rolling and broken, draining generally E.; sandstone formation.

Soil, deep red sandy clay and gray clay, 3rd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, salt brush, white sagebrush and rabbit brush; fair to good grazing of gramma and bunch grass.

From the reestablished cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp.,

N. 0° 48' E., bet. secs. 32 and 33.

Asc. gradual S. slope 50 ft., over rolling land, through medium dense short undergrowth.

14.20

Wagon road, bears NW. and SE.

18.40

Top of ascent, bears N. 70° E. and W.; gradual descent of 20 ft.

28.40

Draw, drains N. 70° E.; asc. gradually 15 ft. to  $\frac{1}{4}$  sec. cor., over S. slope.

30.80

Same wagon road as noted at 14.20 chs., bears NE. and SW.

40.48

Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S32 | S33

1940



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

raise a mound

- of stone, 3 ft. base, 2 ft. high, W. of cor.
- 46.70 Spur, from W. off bench, 20 ft. above  $\frac{1}{2}$  sec. cor., slopes E. about 1 ch. dist.; desc. N. slope 35 ft. to
- 61.60 Wash, 25 lks. wide, 6 ft. deep, from N. 70° W., drains E., at the base of descent, bearing N. 70° W. and E.; over nearly level land.
- 69.60 A main wash, 60 lks. wide, 6 ft. deep, drains SE.
- 71.10 Wash, 30 lks. wide, 5 ft. deep, drains SE.; asc. gradually 25 ft. to sec. cor., over rolling land.
- 77.50 Same wagon road as noted at 30.80 chs., bears NW. and SE.
- 80.96 Intersect the original cor. of secs. 28, 29, 32, and 33, which is a sandstone, 14x8x6 ins., marked with 1 notch on S. and 4 notches on E. edges, loosely set 6 ins. in the ground, and witnessed on the W. by a small mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 28, 29, 32, and 33, with brass cap mkd.

T16SRGE

329|328

332|333

1940

raise a mound

of stone, 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Land, nearly level and rolling, draining generally SE.; sandstone formation.

Soil, red sandy clay, and gray and blue clay, 3rd to 4th rate.

Undergrowth, shadscale, white sagebrush, yellow top, salt brush and greasewood; fair grazing of gramma grass.

No timber.

From the cor. of secs. 27, 28, 33, and 34,

N. 89° 34' W., bet. sets. 28 and 33.

Desc. NW. slope 30 ft., through dense undergrowth.

- 4.30 A main wash, 80 lks. wide, 7 ft. deep, in the bottom of hollow, drains S. 20° W.; asc. NE. slope 40 ft.
- 18.80 Spur, projects S. 20° E. about 10 chs. dist.; desc. 15 ft.
- 23.90 Wash, 15 lks. wide, 8 ft. deep, in the bottom of draw, drains S. 10° E.; asc. 25 ft.
- 26.30 Spur, projects S. 10° E. approximately 12 chs. dist.; desc. 15 ft.
- 39.40 Wash, 25 lks. wide, 8 ft. deep, in the bottom of draw, drains SE.; asc. gradually 15 ft. to  $\frac{1}{4}$  sec. cor., over rolling land.
- 43.49 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 10x8x5 ins., marked  $\frac{1}{4}$  on N. face, firmly set 5 ins. in the ground and surrounded by a small mound of stone, with no other accessories.

DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT  
 DEPENDENT RESOURCES OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

At point for cor. Set an iron post,  $\frac{3}{4}$  ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S28

S33

1940

of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

raise a mound

Thence,

S. 89° 17' W., with continuous measurement.

49.10 Wash, 15 lks. wide, 3 ft. deep, drains S. 30° E.

71.60 Wash, 25 lks. wide, 6 ft. deep, drains S.

74.50 Wash, 40 lks. wide, 10 ft. deep, drains S. 30° E.

80.41 Intersect the cor. of secs. 28, 29, 32, and 33, 15 ft. above  $\frac{1}{4}$  sec. cor.

Land, rolling, draining generally SE.; sandstone and limestone formation.

Soil, red sandy clay, and gray and blue clay, 3rd and 4th rate.

Undergrowth, shadscale, yellow top, white sagebrush, and salt brush; fair grazing of gramma and sand grass.

No timber.

N. 0° 22' W., bet. secs. 28 and 29.

Over rolling land, through medium dense undergrowth; asc. gradually 60 ft. to witness  $\frac{1}{4}$  sec. cor.

19.40 Shallow wash, near head, drains SE.

35.07 Set an iron post,  $\frac{3}{4}$  ft. long, 1 in. diam., 27 ins. in the ground, for witness  $\frac{1}{4}$  sec. cor., with brass cap mkd.

WC

$\frac{1}{4}$

S29

S28

1940

of stone, 3 ft. base, 2 ft. high, W. of cor.

raise a mound

Over level land to

40.17 Proportionate point for  $\frac{1}{4}$  sec. cor. falls in a wash, 20 lks. wide, 6 ft. deep, draining S. 20° E., which makes the establishment of a cor. monument impracticable. Cor. not set. There is no evidence of the original  $\frac{1}{4}$  sec. cor.

60.10 S. edge of bench, 160 ft. above the proportionate point for  $\frac{1}{4}$  sec. cor., bears N. 70° W. and S. 70° E.; desc. gradually 10 ft., over nearly level top to

DEPENDENT RESURVEY OF THE SUBDIVISION OF T<sub>2</sub> 16 S., R. 9 E.

continued

Chains

67.20

N. edge of bench, bears easterly and N. 70° W.; desc. W. slope 45 ft.

71.20

Wash, 15 lks. wide, 3 ft. deep, in the bottom of draw, heads W. about 10 chs. dist., drains N. 80° E.; asc. 60 ft.

73.10

Prong off bench, projects E. about 5 chs. dist.; desc. N. slope 55 ft. to

80.34

Intersect the original cor. of secs. 20, 21, 28, and 29, which is a sandstone, 18x12x8 ins., marked with 2 notches on S. edge and 4 grooves on E. face, firmly set 8 ins. in the ground and surrounded by a few stones, and witnessed on the W. by a small mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 20, 21, 28, and 29, with brass cap mkd.

T16SR9E

S20|S21

S29|S28

1940

from which

A cedar limb, 5 ins. diam., bears N. 81° 50' E., 157 lks. dist., mkd. T 16 S R 9 E S 21 B T.

A cedar limb, 10 ins. diam., bears S. 7° 20' E., 369 lks. dist., mkd. T 16 S R 9 E S 28 B T.

A cedar limb, 8 ins. diam., bears N. 81° 55' W., 490 lks. dist., mkd. T 16 S R 9 E S 20 B T.

There are no trees available in sec. 29; therefore, I raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling and broken, draining SE.; sandstone and limestone formation.

Soil, rocky red sandy clay, and gray and blue clay, 3rd rate.

Timber, a few scattering cedar near cor. of secs. 28, 29, 32, and 33.

Undergrowth, shadscale, yellow top, white sagebrush, and salt brush; fair grazing of gramma and sand grass.

From the cor. of secs. 21, 22, 27, and 28,

N. 87° 35' W., bet. secs. 21 and 28.

Over nearly level and gently rolling top of bench, through medium dense short undergrowth.

14.00

W. edge of bench, bears NW. and SE.; desc. 15 ft.

16.70

Wash, 30 lks. wide, 3 ft. deep, in the bottom of draw, drains SE.; asc. E. slope 35 ft.

22.10

Spur, projects S. about 6 chs. dist., thence SE. approximately 15 chs. dist.; desc. 35 ft.

31.20

Wash, 40 lks. wide, 5 ft. deep, in the bottom of draw, drains S. 60° E.; asc. 50 ft.

37.90

E. edge of bench, bears N. 60° W. and S. 60° E.; over level top.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

- 38.40 Wagon road, bears N. 60° W. and S. 60° E.
- 38.60 W. edge of bench, bears NW. and SE.; desc. SW. slope 40 ft. to
- 40.73 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 24x12x6 ins., marked  $\frac{1}{4}$  on N. face, firmly set 12 ins. in the ground, and witnessed on the N. by a small mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S21

$\frac{1}{4}$

S28

1940

of stone, 4 $\frac{1}{2}$  ft. base, 3 ft. high, N. of cor.

raise a mound

Thence,

S. 87° 32' W., with continuous measurement.

- 46.40 Wash, 50 lks. wide, 6 ft. deep, in the bottom of hollow, 60 ft. below  $\frac{1}{4}$  sec. cor.; drains SE.; asc. NE. slope 70 ft.

- 56.70 E. edge of bench, bears NW. and SE.; desc. 30 ft., over rolling top.

- 71.70 Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains S. 70° E.; asc. 40 ft. to

- 80.66 Intersect the cor. of secs. 20, 21, 28, and 29.

Land, rolling and broken, draining SE.; sandstone and limestone formation.

Soil, red sandy clay, and gray and blue clay, 3rd rate.

Undergrowth, shadscale, yellow top, white sagebrush, and salt brush; fair grazing of gramma and sand grass.

No timber.

N. 0° 16' W., bet. secs. 20 and 21.

Over nearly level and gently rolling top of bench, through scattering patches of timber and medium dense short undergrowth.

- 6.00 Wash, 15 lks. wide, 2 ft. deep, drains S. 70° E.

- 11.40 Wash, 30 lks. wide, 3 ft. deep, in the bottom of draw, 25 ft. below sec. cor., drains E.; gradual ascent of 35 ft.

- 20.40 N. edge of bench, bears N. 80° E. and NW.; desc. 25 ft.

- 22.10 Draw, drains E.; asc. 35 ft.

- 23.60 S. edge of prong of bench, bears N. 70° E. and S. 70° W.; over level top to

- 26.50 N. edge of prong of bench, bears NW. and S. 10° E.; desc. NE. slope 55 ft.

- 32.40 Wash, 100 lks. wide, 8 ft. deep, in the bottom of hollow, drains SE.;

165

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

entire

asc. SW. slope 100 ft. to  $\frac{1}{4}$  sec. cor.

37.60 Wash, 30 lks. wide, 6 ft. deep, from NW. drains S. 10° W.

40.24 Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S20

S21

1940

from which

A pinon pine, 18 ins. diam., bears S. 79° 20' E., 140 lks.  
dist., mkd.  $\frac{1}{4}$  S 21 B T.A cedar limb, 10 ins. diam., bears N. 59° 57' W., 155 lks.  
dist., mkd.  $\frac{1}{4}$  S 20 B T.From this cor., a seepage of clear alkali water, bears S. 82° 50' E.  
1.66 chs. dist.40.70 S. edge of bench, 10 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.; asc.  
gradually 35 ft. to sec. cor., over gently rolling top.

45.90 Same wash as noted at 37.60 chs., drains SE.

53.10 Wagon road, bears N. 30° W. and S. 30° E.

80.48 Intersect the original cor. of secs. 16, 17, 20, and 21, which is a  
sandstone, 16x9x5 ins., marked with 3 notches on S. and 4 notches on  
E. edges, firmly set 7 ins. in the ground, and witnessed on the W. by  
a small mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground,  
with the original stone deposited at the base, for cor. of secs. 16,  
17, 20, and 21, with brass cap mkd.

T16SR9E

S17|S16

S20|S21

1940

from which

A cedar limb, 12 ins. diam., bears N. 22° 10' E., 222 lks.  
dist., mkd. T 16 S R 9 E S 16 B T.A cedar limb, 5 ins. diam., bears S. 14° 53' E., 183 lks.  
dist., mkd. T 16 S R 9 E S 21 B T.A cedar limb, 10 ins. diam., bears S. 55° 41' W., 816 lks.  
dist., mkd. T 16 S R 9 E S 20 B T.A cedar limb, 5 ins. diam., bears N. 55° 05' W., 600 lks.  
dist., mkd. T 16 S R 9 E S 17 B T.Land, nearly level, rolling, and broken, draining SE.; sandstone and  
limestone formation.

Soil, red sandy clay, and gray and blue clay, 3rd rate.

Timber, scattering patches of cedar and pinon pine.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

Undergrowth, shadscale, yellow top, white sagebrush, and salt brush; fair to good grazing of gramma and sand grass.

From the cor. of secs. 15, 16, 21, and 22,

S. 89° 57' W., bet. secs. 16 and 21.

Asc. gradually 45 ft. to  $\frac{1}{4}$  sec. cor., over gently rolling top of bench, through medium dense short undergrowth.

30.30 Wash, 40 lks. wide, 4 ft. deep, drains SE.

32.40 Wagon road, bears N. 46° W. and S. 35° E.

49.40 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 18x10x6 ins., marked  $\frac{1}{4}$  on N. face, firmly set 8 ins. in the ground and surrounded by a small mound of stone, but no other accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with the original stone and a sandstone, 6x5x2 ins., mkd. X, deposited at the base, and in a mound of stone, 4 ft. base, 2 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S16

S21

1940

Thence.

S. 89° 51' W., with continuous measurement.

80.75 Intersect the cor. of secs. 16, 17, 20, and 21, 30 ft. above  $\frac{1}{4}$  sec. cor.

Land, gently rolling top of bench, draining SE.; sandstone and limestone formation.

Soil, red sandy clay, 2nd to 3rd rate.

Undergrowth, shadscale, yellow top, black sagebrush, salt brush, and white sagebrush; fair to good grazing of gramma and sand grass.

No timber.

N. 9° 08' W., bet. secs. 16 and 17.

Over gently rolling top of bench, through medium heavy timber and scattering undergrowth; asc. gradually 50 ft. to  $\frac{1}{4}$  sec. cor.

25.60 Wagon road, bears N. 70° E. and S. 70° W.

40.56 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 27x13x6 ins., loosely set 10 ins., in the ground and surrounded by a small mound of stone, marked  $\frac{1}{4}$  on W. face, and witnessed by

A cedar limb, nearly dead, 5 ins. diam., bears S. 34° 45' E., 7 lks. dist., mkd.  $\frac{1}{4}$  S B T.

There is no evidence of the original bearing tree in sec. 17.

At point for cor.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

wind

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, 5 ft. base, 1½ ft. high, for ¼ sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S17 | S16  
 1940

from which

A cedar, 7 ins. diam., bears S. 62° 10' E., 22 lks.  
dist., mkd. ¼ S 16 B T.

A cedar, 8 ins. diam., bears N. 27° 00' W., 133 lks.  
dist., mkd. ¼ S 17 B T.

Thence,

N. 2° 30' W., with continuous measurement.

Asc. gradually 35 ft. to sec. cor.

64.20 Wagon road, bears N. 70° W. and S. 70° E.

66.50 Wash, 25 lks. wide, 4 ft. deep, drains SE.

82.88 Intersect the original cor. of secs. 8, 9, 16, and 17, which is a sandstone, 17x13x5 ins., marked with 4 grooves on S. face and 4 notches on an adjoining edge, firmly set 9 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A pinon pine, 14 ins. diam., bears N. 44° 40' E., 82 lks.  
dist., mkd. T. 16 S R 9 E S 9 B T.

There is no evidence of the original bearing trees in secs. 8 and 16.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 8, 9, 16, and 17, with brass cap mkd.

T16SR9E  
 S8 | S9  
 S17 | S16  
 1940

from which

A pinon pine, 16 ins. diam., bears S. 23° 50' E., 215 lks.  
dist., mkd. T 16 S R 9 E S 16 B T.

A pinon pine, 14 ins. diam., bears S. 15° 20' W., 192 lks.  
dist., mkd. T 16 S R 9 E S 17 B T.

A pinon pine, 12 ins. diam., bears N. 50° 05' W., 322 lks.  
dist., mkd. T 16 S R 9 E S 8 B T.

Land, rolling and gently rolling, draining SE.; sandstone and limestone formation.

Soil, red sandy clay, 3rd and 4th rate.

Timber, medium dense to dense cedar and pinon pine.

Undergrowth, black sagebrush, yellow top, and shadscale; fair to good grazing of gramma grass.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

From the cor. of secs. 9, 10, 15, and 16.

S.  $89^{\circ} 49'$  W., bet. secs. 9 and 16.

Over nearly level top of bench, through medium heavy timber and scattering undergrowth.

- 7.10 W. edge of bench, bears N.  $60^{\circ}$  W. and SE.; leave timber, bears same as edge of bench; desc. rocky SW. slope 110 ft.
- 17.00 Wash, 40 lks. wide, 5 ft. deep, in the bottom of draw, drains SE.; asc. rocky NE. slope 140 ft.
- 27.00 Enter heavy timber, bears NW. and SE.
- 30.20 E. edge of bench, bears NW. and SE.; desc. gradually 10 ft. to  $\frac{1}{4}$  sec. cor., over gently rolling top.
- 40.19 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone,  $17 \times 8 \times 7$  ins., loosely set 7 ins. in ground, marked  $\frac{1}{4}$  on N. face, and witnessed by

A cedar, 10 ins. diam., bears S.  $3^{\circ} 53'$  W., 22 lks.  
dist., mkd.  $\frac{1}{4}$  S B T.

A pinon pine, dead, 16 ins. diam., bears N.  $23^{\circ} 00'$  W., 5 lks.  
dist., mkd.  $\frac{1}{4}$  S B T.

I add the number of the sec. to the markings on the bearing tree in sec. 16.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \frac{39}{16} \\ 1940 \end{array}$$

from which

A pinon pine, 8 ins. diam., bears N.  $44^{\circ} 55'$  W., 40 lks.  
dist., mkd.  $\frac{1}{4}$  S 9 B T.

Thence,

N.  $88^{\circ} 57'$  W., with continuous measurement.

- 59.30 Leave timber, enter opening, bears NW. and SE.
- 60.30 Head of draw, drains SE.
- 61.30 Leave opening, enter heavy timber, bears NW. and SE.
- 73.50 Wagon road, bears N.  $33^{\circ}$  W. and S.  $33^{\circ}$  E.
- 80.42 Intersect the cor. of secs. 8, 9, 16, and 17, 50 ft. above  $\frac{1}{4}$  sec. cor.
- Land, nearly level and rolling, draining SE.; sandstone and limestone formation.
- Soil, rocky red sandy clay, 3rd. rate.
- Timber, cedar and pinon pine.
- Undergrowth, black sagebrush, shadscale, and yellow top; fair grazing of gramma grass.



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

N. 1° 29' W., bet. secs. 8 and 9.

Asc. gradually 35 ft., over rolling top of bench, through heavy timber and scattering undergrowth.

16.00 Wagon road, bears N. 30° W. and S. 30° E.

31.30 Top of ascent on SE. slope; desc. 30 ft.

35.90 Wash, 25 lks. wide, 3 ft. deep, in the bottom of draw, drains S. 80° E.; gradual ascent of 35 ft. to

40.46 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 17x10x6 ins. marked  $\frac{1}{4}$  on N. face, firmly set 8 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A cedar limb, 8 ins. diam., bears N. 76° 15' E., 11 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pinon pine, dead, 15 ins. diam., bears S. 76° 15' W., 20 lks. dist., mkd.  $\frac{1}{4}$  S B T.

I add the number of the sec. to the markings on the bearing tree in sec. 9.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, 5 ft. base, 1 $\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S8 | S9  
 1940

from which

A pinon pine, 7 ins. diam., bears N. 57° 55' W., 65 lks. dist., mkd.  $\frac{1}{4}$  S 8 B T.

Thence,

N. 0° 47' E., with continuous measurement.

56.30 Wagon road, bears NW. and S. 30° E.

58.70 Wagon road, bears N. 70° E. and southwesterly.

67.60 Leave heavy timber, bears NW. and SE., and enter scattering.

68.70 Same wagon road as noted at 58.70 chs., bears NW. and SE.

70.30 Wash, 10 lks. wide, 1 ft. deep, in the bottom of swale, 15 ft. below  $\frac{1}{4}$  sec. cor., drains SE.; gradual ascent of 25 ft. to sec. cor.

73.40 Enter heavy timber, bears NW. and SE.

80.88 Intersect the original cor. of secs. 4, 5, 8, and 9, which is a sandstone, 16x12x8 ins., loosely set 8 ins. in ground and surrounded by a small mound of stone, marked with 5 notches on S. edge and 4 notches on E. edge, and witnessed by

A pinon pine, 10 ins. diam., bears N. 58° 10' E., 31 lks. dist., mkd. T 16 S R 9 E S 4 B T.

A cedar limb, 5 ins. diam., bears S. 59° 45' E., 65 lks. dist., mkd. T 16 S R 9 E S 9 B T.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

A cedar stump, 6 ins. diam., bears N. 28° 30' W., 103 lks.  
dist., mkd. S 5 B T.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, with the original stone deposited at the base, and in a mound of stone, 5 ft. base, 2 ft. high, for cor. of secs. 4, 5, 8, and 9, with brass cap mkd.

T16SR9E

S5/S4

S8/S9

1940

from which

A pinon pine, 10 ins. diam., bears S. 53° 20' W., 200 lks.  
dist., mkd. T 16 S R 9 E S 8 B T.

A pinon pine, 9 ins. diam., bears N. 55° 30' W., 215 lks.  
dist., mkd. T 16 S R 9 E S 5 B T.

Land, rolling top of bench, draining SE.; sandstone and limestone formation.

Soil, rocky red sandy clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, and yellow top; fair to good grazing of gramma, bunch and sand grass.

From the cor. of secs. 3, 4, 9, and 10;

S. 89° 52' W., bet. secs. 4 and 9.

Asc. SE. slope 5 ft., over rolling and broken land, through scattering timber and medium dense undergrowth.

0.80 Spur, projects NE.; desc. NW. slope 55 ft.

2.70 Wash, 10 lks. wide, 1 ft. deep, in the bottom of draw, drains N. 30° E.; asc. 45 ft.

7.10 Top of ascent on N. slope of small knoll; desc. 35 ft.

9.20 Wash, 15 lks. wide, 2 ft. deep, in the bottom of draw, drains NE.; asc. rocky E. slope 130 ft.

21.20 Spur, projects N. 10° E. approximately 12 chs. dist., then forks NE. and N. 70° E.; desc. rough NW. slope 85 ft.

31.20 Wash, 20 lks. wide, 3 ft. deep, in the bottom of draw, drains from S. 70° W. to NE.; asc. rocky SE. slope 100 ft.

38.90 Top of ascent on S. slope; desc. 15 ft. to  $\frac{1}{4}$  sec. cor.; over rocky SW. slope.

39.87 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 20x8x3 ins., loosely set 7 ins. in the ground, marked  $\frac{1}{4}$  on N. face and witnessed on the N. by a mound of stone, 2 ft. base, 1 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

aligned

bedrock, with the original stone deposited at the base, and in a mound of stone,  $6\frac{1}{2}$  ft. base, 2 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S4

S9

1940

from which

A pinon pine, 12 ins. diam., bears S.  $27^{\circ} 12'$  W., 167 lks. dist., mkd.  $\frac{1}{4}$  S 9 B T.

There are no available trees in sec. 4 suitable for marking.

From this cor., the SW. cor. of a stock watering trough, bears S.  $62^{\circ} 53'$  W. 5.49 chs. dist. The trough, 54 ft. in length, 3 ft. in width and 1 ft. deep, is constructed of galvanized iron.

Thence,

N.  $88^{\circ} 38'$  W., with continuous measurement,

42.90 Wash, 20 lks. wide, 2 ft. deep, in the bottom of draw, 10 ft. below  $\frac{1}{4}$  sec. cor., drains S.; asc. 65 ft.

48.60 Top of ascent on S. slope; desc. 35 ft.

54.60 Wash, 25 lks. wide, 4 ft. deep, in the bottom of draw, drains from NW to S.  $80^{\circ}$  E.; asc. abrupt rough NE. slope 160 ft.

60.60 E. edge of bench, bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.; enter heavy timber, bears same as edge of bench; asc. gradually 45 ft., over rolling top to

80.30 Intersect the cor. of secs. 4, 5, 8, and 9.

Land, rolling, rough and broken, draining generally NE.; sandstone and limestone formation.

Soil, rocky red sandy clay, and gray and blue clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, black sagebrush, yellow top and salt brush; fair to good grazing of gramma and bunch grass.

N.  $0^{\circ} 32'$  W., bet. secs. 4 and 5.

Desc. gradually 25 ft., over rolling top of bench, through heavy timber and scattering undergrowth.

8.30 Wash, 20 lks. wide, 1 ft. deep, in the bottom of draw, from W., drains S.  $80^{\circ}$  E.; gradual ascent of 35 ft. to

22.80 N. edge of bench, bears N.  $80^{\circ}$  W. and S.  $80^{\circ}$  E.; leave heavy timber, bears same as edge of bench; and enter scattering; desc. abrupt, rough and broken NE. slope 365 ft. to  $\frac{1}{4}$  sec. cor.

35.90 Leave timber.

39.76 Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

$\frac{1}{4}$   
 S5 | S4

1940

from which

A cedar limb, 5 ins. diam., bears S. 48° 00' E., 660 lks.  
dist., mkd.  $\frac{1}{4}$  S 4 B T.

A pinon pine, 10 ins. diam., bears S. 32° 30' W., 398 lks.  
dist., mkd.  $\frac{1}{4}$  S 5 B T.

This cor. stands at the base of descent, bearing northwesterly and southeasterly.

Over level bottom of swale.

- 47.10 S. bank of wash, 30 ft. high, bears E. and N. 80° W.
- 49.20 N. bank of the wash, 30 ft. high, bears E. and N. 80° W.
- 50.00 Leave level bottom of swale, bears E. and W.; begin gradual ascent of 50 ft., over S. slope to
- 60.80 Wash, 25 lks. wide, 4 ft. deep, drains S. 10° W.; begin abrupt ascent of 410 ft., over rough and broken SW. slope to
- 78.70 S. edge of bench or mesa, bears N. 70° W. and SE.; enter heavy timber, bears same as edge of bench; over nearly level top to
- 79.52 Intersect the Third Standard Parallel South at the proportionate point for closing cor. of secs. 4 and 5, S. 89° 40' E. 92 lks. dist. from the standard cor. of secs. 32 and 33, T. 15 S., R. 9 E., which is an iron post, 2 ins. diam., firmly set in a mound of stone and projecting 2 ft. above ground, and marked and witnessed as described in the official record of the survey of T. 15 S., R. 9 E., in this group. There is no evidence of the original closing cor. of secs. 4 and 5.

Proportionate distance at point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone,  $4\frac{1}{2}$  ft. base, 1 ft. high, for closing cor. of secs. 4 and 5, with brass cap mkd.

T15SR9E

S33

S5 | S4

T16SR9E

CC

1940

from which

A pinon pine, 5 ins. diam., bears S. 76° 00' E., 148 lks.  
dist., mkd. T 16 S R 9 E S 4 C C B T.

A cedar limb, 5 ins. diam., bears S. 9° 00' W., 120 lks.  
dist., mkd. T 16 S R 9 E S 5 C C B T.

Land, nearly level, rolling, rough, and broken, draining easterly; sandstone, limestone, and sandstone conglomerate formation.

Soil, red sandy clay, and gray and blue clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, black sagebrush, yellow top, and salt brush; fair grazing of gramma, bunch, and sand grass.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

entred

From the restored or true point for cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp.,

N.  $1^{\circ} 06'$  E., bet. secs. 31 and 32.

Asc. gradually 35 ft. to  $\frac{1}{4}$  sec. cor., over rolling land, through dense undergrowth.

7.60 Wagon road, bears N.  $20^{\circ}$  W. and S.  $20^{\circ}$  E.

35.70 Utah State Highway No. 122, graveled and graded, bears N.  $5^{\circ} 30'$  W. to Hiawatha and Price, Utah, and S.  $5^{\circ} 30'$  E. to Utah State Highway No. 10.

40.86 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone,  $18 \times 10 \times 8$  ins., marked  $\frac{1}{4}$  on W. face, firmly set 8 ins. in the ground, and witnessed on the W. by a small mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S31 | S32  
 1940

from which

A cottonwood, 9 ins. diam., bears N.  $27^{\circ} 30'$  E., 53 lks. dist., mkd.  $\frac{1}{4}$  S 32 B T.

A cottonwood, 7 ins. diam., bears N.  $29^{\circ} 15'$  W., 282 lks. dist., mkd.  $\frac{1}{4}$  S 31 B T.

Thence,

N.  $0^{\circ} 33'$  W., with continuous measurement.

Asc. gradually 85 ft. to sec. cor., over rolling land.

42.10 Wash, 40 lks. wide, 10 ft. deep, drains SE.

69.20 Wagon road, bears N.  $30^{\circ}$  W. about 2 chs. dist., thence northeasterly, and SE.

72.60 Same wagon road as noted at 69.20 chs., bears northwesterly and southwesterly.

81.38 Intersect the original cor. of secs. 29, 30, 31, and 32, which is a sandstone,  $21 \times 11 \times 4$  ins., loosely set 8 ins. in the ground, marked with one notch on S. edge and 5 notches on E. edge, and witnessed on the W. by a small mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 29, 30, 31, and 32, with brass cap mkd.

T16S9E  
 S30 | S29  
 S31 | S32  
 1940

raise a mound

of stone,  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

From this cor., the E. gable of a log house, 30x26 ft., on the Cedar Creek ranch, bears N.  $41^{\circ} 41'$  W., 51.03 chs. dist.; from the E. gable of the house, the SW. cor. of a large pole corral and stack yard bears east 5.45 chs. dist.

Also, from this sec. cor., a monument set by the United States Fuel Co., to mark a cor. of the company land, bears N.  $26^{\circ} 58'$  W., 45.25 chs. dist. This cor. is a concrete block, pyramidal in shape, 6 ins. square at the top, 12 ins. square at the base, firmly set and projecting  $2\frac{1}{2}$  ft. above ground, and marked U S F on N. and E. faces.

Land, rolling, draining SE.; sandstone and limestone formation.

Soil, red sandy clay, and gray and blue clay, 1st and 4th rate.

Timber, a few scattering cottonwood near  $\frac{1}{4}$  sec. cor.

Undergrowth, greasewood, shadscale, black sagebrush, yellow top and salt brush; fair grazing of gramma grass.

From the cor. of secs. 28, 29, 32, and 33,

S.  $89^{\circ} 46'$  W., bet. secs. 29 and 32.

Over rolling land, through medium dense undergrowth; desc. gradually 20 ft.

1.00 Wagon road, bears N.  $10^{\circ}$  W. and S.  $10^{\circ}$  E.

15.10 Wash, 20 lks. wide, 5 ft. deep, drains S.  $70^{\circ}$  E.

21.50 A main wash, 100 lks. wide, 15 ft. deep, in the bottom of hollow, drains SE.; asc. 110 ft. to  $\frac{1}{4}$  sec. cor., over rolling and broken NW. slope.

40.75 Proportionate point; there is no evidence of the original  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S29

$\frac{1}{4}$  —

S32

1940

of stone, 3 ft. base, 2 ft. high, N. of cor. raise a mound

44.80 E. edge of bench, 100 ft. above  $\frac{1}{4}$  sec. cor.; bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.; over nearly level top.

49.80 W. edge of bench, bears N.  $60^{\circ}$  W. and SE.; desc. abrupt rocky SW. slope 130 ft.

53.10 Base of steep descent, bears N.  $60^{\circ}$  W. and SE.; desc. gradual SW. slope 15 ft.

68.10 Wash, 10 lks. wide, 2 ft. deep, drains S.  $30^{\circ}$  W.

75.30 Wash, 20 lks. wide, 3 ft. deep, in the bottom of draw, drains S.  $10^{\circ}$  E.; gradual ascent of 20 ft. to

81.50 Intersect the cor. of secs. 29, 30, 31, and 32.

Land, rolling and broken, draining SE.; sandstone and limestone formation.

## DEPARTMENT RESURVEY OF THE SUBDIVISION

Chains

Soil, red sandy clay, and gray and blue clay, 1st to 4th rate and 3rd rate.  
Undergrowth, shadescale, black sagebrush, yellow top, gray brush and greasewood; fair grazing of grama grass.

No timber.

From the reestablished cor. of secs. 30 and 31, on the W. bdy. of N. 89° 20' E., bet. secs. 30 and 31.

Over rolling land, through medium dense undergrowth; desc. gentle E. slope 10 ft.

8.60 Cedar Creek Wash, 50 lks. wide, 4 ft. deep, in the bottom of swale, drains S.; asc. SW. slope 15 ft.

9.00 Top of ascent on SE. slope; gradual descent of 25 ft. to  $\frac{1}{2}$  sec. cor. over gently rolling land.

9.46 Cor. of four strand barbed wire fence, bearing about N. and E.

40.38 Proportionate point; there is no evidence of the original  $\frac{1}{2}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap mkd.

S30

 $\frac{1}{2}$  —

S31

1940

raise a mound

of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

59.37 Intersect a monument set by the United States Fuel Co. to mark a cor. of the company land. This cor. is a concrete block, pyramidal in shape, 6 ins. square at the top, 12 ins. square at the base, firmly set and projecting 2 $\frac{1}{2}$  ft. above ground, and marked U S F on N. and W. faces.

59.99 Four strand barbed wire fence, bears N., and S. 39 lks. dist. to cor. of fence, thence westerly.

61.60 Wagon road, bears N. and S.

65.60 Wash, 25 lks. wide, 3 ft. deep, in the bottom of swale, drains S. 10° E.; gradual ascent of 30 ft. to sec. cor.

74.60 Wagon road, bears N. and S. 10° E.

75.90 Utah State Highway No. 122, graveled and graded, bears N. 16° W. to Hiawatha and Price, Utah and S. 5° 30' E. to Utah State Highway No. 122.

80.76 Intersect the cor. of secs. 29, 30, 31, and 32.

Land, rolling, draining SE.; sandstone and limestone formation.

Soil, red sandy clay and gray clay, 2nd to 4th rate.

Undergrowth, greasewood, black sagebrush, shadescale and yellow top; fair grazing of grama and bunch grass.

No timber.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

N. 0° 26' W., bet. secs. 29 and 30:

Asc. gradual S. slope 180 ft., over rolling land, through dense short undergrowth.

31.40 S. edge of bench, bears N. 60° W. and S. 60° E.; over nearly level top.

33.30 N. edge of bench, bears N. 60° W. and S. 60° E.; desc. abrupt NE. slope 145 ft. to

40.69 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 19x13x4 ins., marked  $\frac{1}{4}$  on W. face; firmly set 10 ins. in the ground and surrounded by a small mound of stone, and witnessed on the W. by a mound of stone, 2 ft. base, 1 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S30 | S29  
 1940

of stone,  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor.

raise a mound

This cor. stands at the base of abrupt descent, bearing NW. and SE.

Thence,

N. 0° 23' W., with continuous measurement.

55.60 Wash, 50 lks. wide, 6 ft. deep, in the bottom of hollow, 35 ft. below  $\frac{1}{4}$  sec. cor., drains SE.; asc. 140 ft. to sec. cor., over rolling and broken general S. slope.

69.30 Wash, 20 lks. wide, 5 ft. deep, drains SE.

80.89 Intersect the original cor. of secs. 19, 20, 29; and 30, which is a sandstone, 14x9x6 ins., loosely set 5 ins. in the ground, marked with 2 notches on S. edge and 5 notches on E. edge, but no evidence of accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone and a sandstone, 8x5x3 ins.; mkd. X, deposited at the base, for cor. of secs. 19, 20, 29, and 30, with brass cap mkd.

T16SR9E  
 S19 | S20  
 S30 | S29  
 1940

No other accessories are available.

Land, rolling and broken, draining SE.; sandstone and limestone formation.

Soil, red sandy clay, and gray and blue clay, 3rd and 4th rate.

Undergrowth, shadscale, black sagebrush, yellow top and salt brush; poor to fair grazing of gramma and bunch grass.

No timber.



## Chains

amisho

From the cor. of secs. 20, 21, 28, and 29.

N. 87° 56' W., bet. secs. 20 and 29.

Over gently rolling top of bench, through medium dense short undergrowth; asc. gradually 65 ft.

25.00 Top of ascent on N. slope; gradual descent of 20 ft. to

31.00 W. edge of bench, bears N. 10° W., and S. 80° W. about 3 chs. dist., thence southwesterly; desc. W. slope 80 ft.

40.50 Wash, 15 lks. wide, 5 ft. deep, in the bottom of draw, drains from NE. to S.; asc. 10 ft. to  $\frac{1}{4}$  sec. cor., over SE. slope.41.33 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 22x10x7 ins marked  $\frac{1}{4}$  on N. face, and loosely set in a small mound of stone, but not witnessed.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S20

 $\frac{1}{4}$ 

S29

1940

of stone,  $3\frac{1}{2}$  ft. base;  $2\frac{1}{2}$  ft. high, N. of cor.

raise a mound

Thence,

S. 88° 12' W., with continuous measurement.

43.00 Spur, 15 ft. above  $\frac{1}{4}$  sec. cor., projects S. 15° W. about 4 chs. dist. desc. 60 ft.

49.10 Wash, 45 lks. wide, 8 ft. deep, drains SW. approximately 6 chs. dist. thence S.

57.70 Wash, 60 lks. wide, 10 ft. deep, in the bottom of draw, drains S. 20° E.; asc. 120 ft. to sec. cor.

75.90 Base of clay knoll, bears N. and S. 20° W.; asc. more abruptly along general S. slope to

81.61 Intersect the cor. of secs. 19, 20, 29, and 30.

Land, rolling and broken, draining SE.; sandstone and limestone formation.

Soil, red sandy clay and gray clay, 3rd and 4th rate.

Undergrowth, shadscale, black sagebrush, yellow top and white sagebrush; poor to fair grazing of gramma and bunch grass.

No timber.

From the restored cor. of secs. 19 and 30, on the N. 84° of the Tp.

N. 86° 57' E., bet. secs. 19 and 30.

Over rolling land, through scattering timber and medium dense undergrowth.

redmit on

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

- growth; desc. NE. slope 25 ft.
- 1.60 Wash, 50 lks. wide, 6 ft. deep, in the bottom of draw, drains S. 20° E.; asc. 25 ft.
- 3.50 Top of ascent on SE. slope; gradual descent of 20 ft.
- 3.90 Irrigation ditch, dry, 4 lks. wide, 1 ft. deep, drains S. 20° E.
- 8.50 Four strand barbed wire fence, bears N. 20° W. and S. 20° E.; enter cultivated land; leave timber.
- 11.50 Four strand barbed wire fence, bears N. 60° E. and S. 60° W.
- 17.60 Four strand barbed wire fence, bears N. 39° 45' W. and S. 39° 45' E.; leave cultivated land, enter a sparse growth of timber.
- 18.10 Utah State Highway No. 122, graveled and graded, bears N. 39° 45' W. to Hiawatha and Price, Utah and S. 39° 45' E. to Utah State Highway No. 10.
- 18.90 Wash, 30 lks. wide, 7 ft. deep, in the bottom of swale, drains SE.; gradual ascent of 25 ft. to  $\frac{1}{4}$  sec. cor., along general S. slope.
- 20.30 Branch of same wash, 30 lks. wide, 7 ft. deep, drains SE.
- 39.25 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 18x13x7 ins., marked  $\frac{1}{4}$  on N. face, firmly set 9 ins. in the ground, and witnessed on the N. by a mound of stone, 2 ft. base, 1 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, with the original stone deposited at the base, and in a mound of stone, 4 $\frac{1}{2}$  ft. base, 1 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\begin{array}{r} S19 \\ \frac{1}{4} \\ \hline S30 \\ 1940 \end{array}$$

from which

A cedar, 7 ins. diam., bears S. 80° 45' W., 141 lks. dist., mkd.  $\frac{1}{4}$  S 30 B T.

A cedar limb, 6 ins. diam., bears N. 54° 40' W., 101 lks. dist., mkd.  $\frac{1}{4}$  S.19 B T.

Thence,

S. 89° 45' E., with continuous measurement.

- 51.80 Top of ascent on S. slope, 85 ft. above  $\frac{1}{4}$  sec. cor.; leave timber; desc. 170 ft.
- 65.00 Wash, 40 lks. wide, 10 ft. deep, in the bottom of draw, drains S. 20° E.; asc. 125 ft.
- 75.50 Top of ascent on S. slope of knoll; desc. 45 ft. to
- 79.29 Intersect the cor. of secs. 19, 20, 29, and 30.
- Land, rolling and broken, draining SE.; sandstone formation.
- Soil, red sandy clay loam and varied colored clays, 2nd to 4th rate.
- Timber, cedar and pinon pine.

## DEPENDENT SURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

201610

Undergrowth, shadscale, salt brush, and white sagebrush; poor to fair grazing of gramma and bunch grass.

N.  $0^{\circ} 14'$  W., bet. secs. 19 and 20.

Asc. abrupt S. slope 60 ft., through scattering undergrowth.

0.90 Top of knoll, bears E. about 1.50 chs. dist. and W. approximately 7 chs. dist.; desc. abrupt N. slope 110 ft.

9.40 Wash, 35 lks. wide, 4 ft. deep, in the bottom of draw, drains E.; asc. rocky S. slope 180 ft.

22.60 S. edge of bench, bears E. and W.; enter a medium heavy growth of timber, bears same as edge of bench; gradual descent of 20 ft., across top.

27.80 N. edge of bench, bears E. and S.  $70^{\circ}$  W.; desc. NW. slope 40 ft.

29.10 Wash, 35 lks. wide, 6 ft. deep, in the bottom of draw, drains N.  $70^{\circ}$  E.; over nearly level land to

30.40 Wash, 40 lks. wide, 8 ft. deep, at the mouth of draw, from NW., drains S.  $80^{\circ}$  E.; begin ascent of 45 ft., over SW. slope.

34.20 S. edge of bench, bears NW. and SE.; over nearly level and gently rolling top.

39.92 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone,  $10 \times 8 \times 5$  ins., marked  $\frac{1}{4}$  on W. face, firmly set 5 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A cedar, nearly dead, 9 ins. diam., bears N.  $25^{\circ} 55'$  E., 18 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pinon pine limb, nearly dead, 13 ins. diam., bears S.  $45^{\circ} 35'$  W., 16 lks. dist., mkd.  $\frac{1}{4}$  S B T.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 819 | 820  
 1940

from which

A pinon pine, 12 ins. diam., bears S.  $58^{\circ} 04'$  E., 52 lks. dist., mkd.  $\frac{1}{4}$  S 20 B T.

A pinon pine, 8 ins. diam., bears N.  $47^{\circ} 57'$  W., 60 lks. dist., mkd.  $\frac{1}{4}$  S 19 B T.

From this cor., the center of a sheep corral, which is circular in shape, 1 ch. in diameter, and constructed of brush and timber, bears N.  $72^{\circ}$  E. 2.70 chs. dist. Two corrals of about this same size and description adjoin this corral on the N. and NE.

Thence,

N.  $0^{\circ} 11'$  W., with continuous measurement.

60.40 Wagon road, bears N.  $80^{\circ}$  W. and S.  $80^{\circ}$  E.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

70.80 Wash, 40 lks. wide, 6 ft. deep, drains S. 70° E.

80.14 Intersect the original cor. of secs. 17, 18, 19, and 20, which is a sandstone, 15x6x5 ins., marked with 3 notches on S. and 5 notches on E. edges, firmly set 8 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A pinon pine, 14 ins. diam., bears N. 63° 35' E., 83 lks. dist., mkd. T 16 S R 9 E S 17 B T.

A cedar limb, 5 ins. diam., bears S. 15° 15' E., 47 lks. dist., mkd. T 16 S R 9 E S 20 B T.

There is no evidence of the original bearing trees in secs. 18 and 19.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 17, 18, 19, and 20, with brass cap mkd.

T16SR9E

S18|S17

S19|S20

1940

from which

A cedar limb, 7 ins. diam., bears S. 24° 30' W., 27 lks. dist., mkd. T 16 S R 9 E S 19 B T.

A pinon pine, 10 ins. diam., bears N. 46° 10' W., 170 lks. dist., mkd. T 16 S R 9 E S 18 B T.

Land, nearly level, rolling, and broken, draining SE.; sandstone and limestone formation.

Soil, red sandy clay, and gray and blue clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, black sagebrush, yellow top and salt brush; poor to fair grazing of gramma and bunch grass.

From the cor. of secs. 16, 17, 20, and 21,

S. 89° 42' W., bet. secs. 17 and 20.

Over gently rolling top of bench, through scattering timber and medium dense undergrowth; gradual ascent of 40 ft. to  $\frac{1}{4}$  sec. cor.

17.40 Wash, 35 lks. wide, 7 ft. deep, drains SE.

18.80 Wagon road, bears NW. and SE.

25.00 Enter heavy timber, bears NW. and SE.; undergrowth becomes scattering.

40.33 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 17x11x7 ins., marked  $\frac{1}{4}$  on N. face, firmly set 8 ins. in the ground, and witnessed by

A pinon pine limb, 6 ins. diam., bears S. 46° 15' W., 13 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A cedar limb, 5 ins. diam., bears N. 16° 30' W., 13 lks. dist., mkd.  $\frac{1}{4}$  S B T.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

I add the number of the sec. to the markings on each of the above bearing trees.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S17

S20

1940

Thence,

N.  $89^{\circ} 50'$  W., with continuous measurement.

58.60 W. edge of bench, 10 ft. above  $\frac{1}{4}$  sec. cor., bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.; desc. SW. slope 45 ft.

63.90 The E. end of a stock watering galvanized trough, 153 ft. in length, 3 ft. wide, 1 ft. deep, and extending northwesterly and southeasterly, bears north 18 lks. dist.

66.60 Wash, 80 lks. wide, 15 ft. deep, in the bottom of draw, drains S.  $60^{\circ}$  E.; asc. NE. slope 65 ft.

72.20 E. edge of bench, bears NW. and SE.; asc. gradually 20 ft., over gently rolling top to

81.46 Intersect the cor. of secs. 17, 18, 19, and 20.

Land, gently rolling and rolling, draining SE.; sandstone and limestone formation.

Soil, rocky, red sandy clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, yellow top and greasewood; fair grazing of gramma, bunch and sand grass.

From the true or original cor. point of secs. 18 and 19, on the W. bdy. of the Tp.,

S.  $89^{\circ} 49'$  E., bet. secs. 18 and 19.

Over gently rolling land, through heavy timber and scattering undergrowth; desc. gradually 85 ft. to  $\frac{1}{4}$  sec. cor.

31.10 Leave timber, bears NW. and SE.

36.10 Enter heavy timber, bears NW. and SE.

41.10 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 17x11x9 ins., loosely set 7 ins. in the ground and surrounded by a small mound of stone, marked  $\frac{1}{4}$  on N. face, and witnessed by

A cedar stump, 7 ins. diam., bears S.  $17^{\circ} 30'$  E., 40 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A cedar, 14 ins. diam., bears N.  $30^{\circ} 00'$  W., 17 lks. dist., mkd.  $\frac{1}{4}$  S B T.

DEPENDENT SURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

I add the number of the sec. to the markings on the bearing tree in sec. 18.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S18  
 $\frac{1}{4}$   
 S19  
 1940

from which

A pinon pine, 8 ins. diam., bears S. 39° 25' E., 100 lks. dist., mkd.  $\frac{1}{4}$  S 19 B T.

Thence,

S. 89° 28' E., with continuous measurement.

49.00 Wash, 30 lks. wide, 2 ft. deep, drains N. 80° E.

53.40 Same wash, 30 lks. wide, 4 ft. deep, drains S. 70° E.

56.10 Wash, 30 lks. wide, 5 ft. deep, drains S. 70° E.

81.02 Intersect the cor. of secs. 17, 18, 19, and 20, 65 ft. below  $\frac{1}{4}$  sec. cor.

Land, gently rolling top of bench, draining SE.; sandstone and limestone formation,

Soil, rocky red sandy clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush and yellow top; fair to good grazing of gramma, bunch, and sand grass.

N. 1° 26' W., bet. secs. 17 and 18.

Over gently rolling top of bench, through heavy timber and scattering undergrowth.

9.20 Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, 40 ft. below sec. cor., drains E.; gradual ascent of 40 ft.

11.10 N. edge of bench, bears NW. and SE.; desc. NE. slope 35 ft.

12.50 Wash, 60 lks. wide, 20 ft. deep, in the bottom of draw, drains S. 70° E.; asc. 15 ft., along or near bottom of the draw.

15.90 Cross same wash, 60 lks. wide, 20 ft. deep, drains S. 30° W.

21.30 Recross same wash, 60 lks. wide, 15 ft. deep, drains E. about 3 chs. dist., thence S. 30° W.; begin more abrupt ascent of 55 ft., over SW. slope.

23.90 S. edge of bench, bears N. 80° W. and S. 80° E.; gradual ascent of 30 ft. to  $\frac{1}{4}$  sec. cor., over gently rolling top.

42.15 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 13x11x5 ins., marked  $\frac{1}{4}$  on W. face, firmly set 7 ins. in the ground and sur-

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

entled

rounded by a small mound of stone, and witnessed by

A cedar, 12 ins. diam., bears S.  $57^{\circ} 15'$  E., 29 lks.  
dist., mkd.  $\frac{1}{4}$  S B T.

A cedar, 13 ins. diam., bears S.  $49^{\circ} 05'$  W., 42 lks.  
dist., mkd.  $\frac{1}{4}$  S B T.

I add the number of the sec. to the markings on each of the above bearing trees.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
S18 | S17  
1940

Thence,

N.  $0^{\circ} 02'$  W., with continuous measurement.

71.40 Leave timber, bears NW. and SE.

72.20 Wagon road, bears NW. and SE.

73.90 Wash, 25 lks. wide, 3 ft. deep, in the bottom of hollow, 20 ft. below  $\frac{1}{4}$  sec. cor., drains SE.; asc. gradual SW; slope 15 ft. to sec. cor.

74.90 Enter heavy timber, bears NW. and SE.

82.43 Intersect the original cor. of secs. 7, 8, 17, and 18, which is a sandstone,  $14 \times 8 \times 6$  ins., marked with 5 grooves on S. and 4 grooves on E. faces, loosely set in a small mound of stone, and witnessed by

A pinon pine, 10 ins. diam., bears S.  $47^{\circ} 45'$  E., 4 lks.  
dist., mkd. S 17 B T.

A pinon pine limb, 13 ins. diam., bears S.  $16^{\circ} 30'$  W., 33 lks.  
dist., mkd. T 16 S R 9 E S 18 B T.

A pinon pine, 14 ins. diam., bears N.  $41^{\circ} 00'$  W., 54 lks.  
dist., mkd. T 16 S R 9 E S 7 B T.

I add T 16 S R 9 E to the markings on the bearing tree in sec. 17.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 7, 8, 17, and 18, with brass cap mkd.

T16SR9E  
S7|S8  
S18|S17  
1940

from which

A cedar, 6 ins. diam., bears N.  $82^{\circ} 15'$  E., 25 lks.  
dist., mkd. T 16 S R 9 E S 8 B T.

Land, rolling and gently rolling, draining SE.; sandstone and limestone formation.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

Soil, rocky red sandy clay, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush and yellow top; poor to good grazing of gramma, bunch, and sand grass.

From the cor. of secs. 8, 9, 16, and 17,

S. 89° 57' W., bet. secs. 8 and 17.

Over gently rolling top of bench, through opening of medium dense undergrowth; asc. gradual NE. slope 10 ft.

3.50 Leave opening, enter heavy timber, bears NW. and SE.

5.30 Top of ascent, bears NW. and SE.; gradual descent of 25 ft.

12.30 Leave timber, enter opening, bears NW. and SE.

12.00 Wash, 25 lks. wide, 6 ft. deep, in the bottom of hollow, drains SE.; asc. gradually 40 ft. to  $\frac{1}{4}$  sec. cor.

14.50 Wagon road, bears NW. and SE.

15.70 Leave opening, enter heavy timber, bears NW. and SE.

24.80 Leave timber, enter opening, bears NW. and SE.

29.10 A dim wagon road, bears NW. and SE.

34.40 Leave opening, enter heavy timber, bears NW. and SE.

36.90 Leave timber, enter opening, bears NW. and SE.

39.70 Leave opening, enter heavy timber, bears NW. and SE.

40.25 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone,  $13 \times 5 \frac{1}{2} \times 3 \frac{1}{2}$  ins., marked  $\frac{1}{4}$  on N. face, loosely set 3 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A pinon pine limb, 10 ins. diam., bears N. 39° 30' E., 18 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pinon pine stump, 12 ins. diam., bears S. 45° 15' W., 18 lks. dist., mkd.  $\frac{1}{4}$  S B T.

I add the number of the sec. to the markings on the bearing tree in sec. 8.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S8

$\frac{1}{4}$  ———

S17

1940

from which

A pinon pine, 9 ins. diam., bears S. 80° 00' W., 63 lks. dist., mkd.  $\frac{1}{4}$  S 17 B T.

Thence ,



## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

211203

S. 89° 17' W., with continuous measurement.

52.10 Leave timber, enter opening, bears N. 20° W. and S. 20° E.

55.00 Leave opening, enter heavy timber, bears N. 20° W. and S. 20° E.

59.50 Leave timber, enter opening, bears N. 15° W. and S. 15° E.

61.90 Leave opening, enter heavy timber, bears N. 15° W. and S. 15° E.

80.57 Intersect the cor. of secs. 7, 8, 17, and 18, 15 ft. above  $\frac{1}{4}$  sec. cor.

Land, gently rolling, draining SE.; sandstone and limestone formation

Soil, red sand and red sandy clay loam, 2nd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush.

Grazing, gramma, bunch, and sand grass, scattering in timber, dense in openings.

From the reestablished cor. of secs. 7 and 18, on the W. bdy. of the Tp.,

S. 89° 51' E., bet. secs. 7 and 18.

Over rolling land, through heavy timber and scattering undergrowth; gradual descent of 65 ft.

10.90 Leave timber, enter opening, bears NW. and SE.

25.60 Wash, 70 lks. wide, 8 ft. deep, in the bottom of hollow, drains SE.; asc. gradual SW. slope 35 ft. to  $\frac{1}{4}$  sec. cor.

28.00 Leave opening, enter heavy timber, bears N. 20° W. and S. 20° E.

40.17 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 14x12x6 ins. marked  $\frac{1}{4}$  on N. face, firmly set 4 ins. in the ground and surrounded by a small mound of stone, and witnessed byA pinon pine, 12 ins. diam., bears S. 44° 10' W., 47 lks. dist., mkd.  $\frac{1}{4}$  S B T.A cedar, nearly dead, 18 ins. diam., bears N. 28° 00' W., 6 lks. dist., mkd.  $\frac{1}{4}$  S B T.

I add the number of the sec. to the markings on the bearing tree in Sec. 18.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to bedrock, with the original stone deposited at the base, and in a mound of stone, 4 ft. base, 1 $\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S7

 $\frac{1}{4}$  ———

S18

from which

A pinon pine, 12 ins. diam., bears N. 57° 15' E., 45 lks. dist., mkd.  $\frac{1}{4}$  S 7 B T.

DEPARTMENT OF THE SURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

Thence,

N. 89° 49' E., with continuous measurement.

45.50 Top of ascent, 10 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.; gradual descent of 45 ft.

64.70 Leave timber, enter opening, bears N. 25° E. and SE.

66.80 Wagon road, bears N. 30° W. and S. 30° E.

70.00 Wagon road, bears N. 5° W. and S. 5° E.

71.30 Wash, 30 lks. wide, 3 ft. deep, in the bottom of hollow, drains S. about 3 chs. dist., thence SE.; asc. gradual SW. slope 10 ft.

72.50 Leave opening, enter heavy timber, bears N. and S.

74.50 Top of ascent, bears NW. and SE.; desc. gentle NE. slope 10 ft. to sec. cor.

80.30 Wash, 30 lks. wide, 4 ft. deep, drains S.

80.53 Intersect the cor. of secs. 7, 8, 17, and 18.

Land, rolling and gently rolling, draining SE.; sandstone and limestone formation.

Soil, red sand and red sandy clay loam, 2nd to 4th rate.

Undergrowth, black sagebrush.

Grazing, sparse and scattering growth of gramma, bunch, and sand grass.

Timber, cedar and pinon pine.

N. 1° 15' E., bet. secs. 7 and 8.

Asc. gradually 65 ft. to  $\frac{1}{4}$  sec. cor., over rolling top of bench, through heavy timber and scattering undergrowth.

40.15 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 19x18x8 ins., marked  $\frac{1}{4}$  on W. face, firmly set 10 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A cedar stump, 8 ins. diam., bears S. 1° 30' E., 26 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A cedar stump, 8 ins. diam., bears N. 40° 30' W., 31 lks. dist., mkd.  $\frac{1}{4}$  S B T.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
S7 | S8

1940

from which

A pinon pine, 10 ins. diam., bears S. 88° 05' E., 51 lks. dist., mkd.  $\frac{1}{4}$  S 8 B T.

A pinon pine, 12 ins. diam., bears N. 40° 30' W., 44 lks.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T16 S., R. 9 E.

Chains

miles

dist., mkd.  $\frac{1}{4}$  S 7 B T.

thence

Thence,

N.  $1^{\circ} 46'$  W., with continuous measurement.

Over nearly level land to sec. cor.

43.20 Wagon road, bears NE. and SW.

43.60 Leave timber, enter opening, bears E. and W.

50.00 Leave opening, enter heavy timber, bears E. and W.

52.00 Wagon road, bears NW. and SE.

52.40 Wash, 30 lks. wide, 4 ft. deep, in the bottom of small depression or hollow, drains SE.

53.50 Wagon road, bears N.  $70^{\circ}$  E. about 2 chs. dist., thence N.  $10^{\circ}$  E., and S.  $70^{\circ}$  W.

68.20 Leave timber, enter opening, bears E. and W.

74.60 Leave opening, enter heavy timber, bears E. and W.

78.90 Leave timber, enter opening, bears N.  $80^{\circ}$  W. and S.  $60^{\circ}$  E.

79.40 Wash, 25 lks. wide, 3 ft. deep, in the bottom of small depression or hollow, drains SE.

81.60 Intersect the original cor. of secs. 5, 6, 7, and 8, which is a sandstone,  $15 \times 7 \times 5$  ins., marked with 5 grooves on each of the S. and E. faces, firmly set 8 ins. in the ground and surrounded by a small mound of stone, but no evidence of other accessories.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 5, 6, 7, and 8, with brass cap mkd.

T16 S 9 E

S6 S5

S7 S8

1940

from which

A pinon pine, 7 ins. diam., bears N.  $25^{\circ} 10'$  E., 364 lks.  
dist., mkd. T 16 S R 9 E S 5 B T.A cedar, 6 ins. diam., bears S.  $12^{\circ} 57'$  E., 194 lks.  
dist., mkd. T 16 S R 9 E S 8 B T.A pinon pine, 6 ins. diam., bears S.  $2^{\circ} 15'$  W., 176 lks.  
dist., mkd. T 16 S R 9 E S 7 B T.A pinon pine, 10 ins. diam., bears N.  $57^{\circ} 15'$  W., 522 lks.  
dist., mkd. T 16 S R 9 E S 6 B T.

Land, nearly level and rolling, draining SE.; sandstone and limestone formation.

Soil, red sand and red sandy clay, 2nd to 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush and yellow top; fair to good grazing of gramma and sand grass.

S. C. P. DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

From the cor. of secs. 4, 5, 8, and 9.

N. 89° 44' W., bet. secs. 5 and 8.

Over rolling top of bench, through heavy timber and scattering undergrowth; gradual ascent of 60 ft. to  $\frac{1}{4}$  sec. cor.

4.30 Wagon road, bears NW. and S.

16.30 Leave timber, enter opening, bears NW. and SE.

19.50 Wash, 10 lks. wide, 2 ft. deep, in the bottom of small depression or swale, drains SE.

22.00 Wagon road, bears N. 60° W. and SE.

27.80 Leave opening, enter heavy timber, bears NW. and SE.

33.00 Leave timber, enter opening, bears NW. and SE.

34.10 Wagon road, bears NW. and S. 30° E.

36.80 Leave opening, enter heavy timber, bears NW. and SE.

40.27 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 12x11x6 ins., marked  $\frac{1}{4}$  on N. face, firmly set 6 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A cedar stump, 8 ins. diam., bears N. 41° 30' E., 21 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pinon pine, nearly dead, 13 ins. diam., bears S. 4° 15' W., 52 lks. dist., mkd.  $\frac{1}{4}$  S B T.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone debbbited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S5

$\frac{1}{4}$

S8

1940

from which

A pinon pine, 9 ins. diam., bears N. 13° 00' E., 52 lks. dist., mkd.  $\frac{1}{4}$  S 5 B T.

A pinon pine, 8 ins. diam., bears S. 46° 30' W., 47 lks. dist., mkd.  $\frac{1}{4}$  S 8 B T.

Thence,

S. 89° 57' W., with continuous measurement.

70.50 Top of ascent, 55 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.; gradual descent of 10 ft. to sec. cor., over gentle SW. slope.

78.40 Leave timber, enter opening, bears NW. and SE.

79.60 Wagon road, bears N. 15° W. and SE.

80.50 Intersect the cor. of secs. 5, 6, 7, and 8.

Land, rolling top of bench, draining SE.; sandstone and limestone formation.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

Soil, rocky red sandy clay; 3rd and 4th rate.

Timber, cedar and pinon-pine.

Undergrowth, black sagebrush, shadscale, and yellow-top; fair to good grazing of gramma, bunch, and sand grass.

From the reestablished cor. of secs. 6 and 7; on the W. bdy. of the Tp.,

N. 89° 31' E., bet. secs. 6 and 7.

Asc. SW. slope 10 ft., through heavy timber and scattering undergrowth

1.00 W. edge of bench, bears N. 20° W. and S. 20° E.; gradual descent of 15 ft. across top.

6.40 Old wagon and wood road, bears N. 30° W. and S. 30° E.

17.20 E. edge of bench, bears NW. and SE.; desc. NE. slope 35 ft.

21.10 Wash, 30 fks. wide, 6 ft. deep, in the bottom of draw, drains SE.; asc. SW. slope 15 ft.

24.20 W. edge of bench, bears NW. and SE.; desc. gradual NE. slope 25 ft., over gently rolling top.

37.90 Leave timber, bears NW. and SE.

38.50 Old wagon and wood road, bears NW. and SE.

39.20 Wash, 30 lks. wide, 4 ft. deep, in the bottom of swale, drains SE.; over level land to

40.16 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 16x13x6 ins., marked  $\frac{1}{4}$  on N. face, firmly set 8 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A pinon pine, 12 ins. diam., bears S. 65° 30' E., 64 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A cedar limb, partly dead, 10 ins. diam., bears N. 3° 00' W., 21 lks. dist., mkd.  $\frac{1}{4}$  S B T.

I add the number of the sec. to the markings on the bearing tree in sec. 7.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

86

1

87

1940

from which

A pinon pine, 12 ins. diam., bears N. 69° 00' E., 77 lks. dist., mkd.  $\frac{1}{4}$  S B T.

Thence

N. 89° 07' E., with continuous measurement.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

## Chains

- 41.20 Enter heavy timber, bears NW. and SE.
- 42.50 Top of ascent, 10 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.; desc. gradual NE. slope 60 ft.
- 61.10 Draw, drains S. 60° E.; gradual ascent of 10 ft.
- 65.40 Top of ascent, bears NW. and SE.; desc. gradually 35 ft.
- 72.70 Leave timber, enter opening, bears NW. and SE.
- 77.90 Wash, 25 lks. wide, 4 ft. deep, in the bottom of hollow, drains SE.; over nearly level land to
- 80.37 Intersect the cor. of secs. 5, 6, 7, and 8.
- Land, nearly level and rolling, draining SE.; sandstone and limestone formation.
- Soil, rocky red sand and sandy clay, 3rd and 4th rate.
- Timber, cedar and pinon pine.
- Undergrowth, black sagebrush, yellow top, and shadscale; fair to good grazing of gramma and sand grass.

N. 0° 17' W., bet. secs. 5 and 6.

Over gently rolling top of bench, through opening of dense undergrowth; asc. gradual S. slope 45 ft.

- 3.60 Wagon road, bears N. 15° W. and S. 15° E..
- 5.50 Same road, bears N. 20° E. and S. 20° W.
- 7.00 Leave opening, bears N. 60° W. and SE., and enter heavy timber and scattering undergrowth.
- 15.00 Top of ascent, bears E. and W.; gradual descent of 30 ft.
- 20.70 Leave timber, enter opening, bears E. and W.
- 21.70 Same wagon road as noted at 3.60 chs., bears N. 70° W. and SE.
- 23.10 Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains S. 70° E.; gradual ascent of 45 ft. to  $\frac{1}{4}$  sec. cor., over gentle SW. slope.
- 25.00 Leave opening, enter heavy timber, bears E. and N. 70° W.
- 35.10 Leave timber, enter opening, bears E. and W.
- 40.28 Intersect the original  $\frac{1}{4}$  sec. cor., which is a sandstone, 20x14x8 ins. marked  $\frac{1}{4}$  on W. face, firmly set 10 ins. in the ground and surrounded by a small mound of stone, and witnessed by

A cedar, 7 ins. diam., bears S. 26° 30' E., 78 lks.  
dist., mkd.  $\frac{1}{4}$  S B T.

A pinon pine, 16 ins. diam., bears N. 81° 20' W., 102 lks.  
dist., mkd.  $\frac{1}{4}$  S B T.

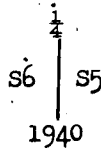
The markings on these bearing trees are nearly grown over with bark; therefore, I scribe the regular full marking on each tree.

## DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 16 S., R. 9 E.

Chains

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.



Thence,

N.  $0^{\circ} 16' W.$ , with continuous measurement.44.10 Leave opening, enter heavy timber, bears N.  $60^{\circ} W.$  and S.  $60^{\circ} E.$ 55.30 Top of ascent, 40 ft. above  $\frac{1}{4}$  sec. cor., bears N.  $60^{\circ} W.$  and S.  $60^{\circ} E.$ , desc. 15 ft.57.90 Wash, 35 lks. wide, 3 ft. deep, in the bottom of draw, drains S.  $80^{\circ} E.$ ; asc. gradual SW. slope 25 ft.68.40 N. edge of bench, bears N.  $70^{\circ} W.$  and S.  $70^{\circ} E.$ ; leave heavy timber, bears same as edge of bench, and enter a sparse growth; desc. abrupt, rough, and broken NE. slope 275 ft., through medium dense undergrowth to

79.93 Intersect the Third Standard Parallel South at the proportionate point for closing cor. of secs. 5 and 6, S.  $89^{\circ} 36' E.$  1.00 chs. dist. from the standard cor. of secs. 31 and 32, T. 15 S., R. 9 E., which is an iron post, 2 ins. diam., firmly set and projecting 9 ins. above ground, marked and witnessed as described in the official record of the survey of T. 15 S., R. 9 E., in this group. There is no evidence of the original closing cor. of secs. 5 and 6.

Proportionate distance at point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 5 and 6, with brass cap mkd.

T15SR9E  
S32  
S6|S5  
T16SR9E  
CC  
1940

from which

A pinon pine, 6 ins. diam., bears S.  $58^{\circ} 45' E.$ , 147 lks. dist., mkd. T 16 S R 9 E S 5 C C B T.

A pinon pine, 10 ins. diam., bears S.  $63^{\circ} 00' W.$ , 93 lks. dist., mkd. T 16 S R 9 E S 6 C C B T.

Land, gently rolling top of bench, draining SE., S. 68.40 chs.; abrupt, rough, and broken, draining E., N. 11.53 chs.; sandstone and limestone formation.

Soil, red sandy clay and varied colored clays, 3rd and 4th rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, and yellow top; poor to fair grazing of gramma and bunch grass.

## GENERAL DESCRIPTION

This township lies at or near the base of the mountain range on the west side of a valley, known as Castle Valley, at an elevation above sea level, varying from about 5800 feet in the lower northern, eastern, and southern parts to approximately 7000 feet in the northwestern portions.

It contains nearly every variety of land from level and gently rolling and benches to rolling, rough, and broken bad lands, all having a general southeasterly exposure and drainage. Numerous knolls, knobs, small buttes, and mesas are found on nearly all of the lower sections.

Sandstone and limestone is the principal formation, being exposed in the form of outcroppings and rims of benches. I saw no evidence of mineral, coal nor oil, although large producing coal mines are located in the adjoining township to the west.

In general, the soil is sandy clay loam, or red sand and varied colored clays, mixed with sandstone, limestone or shale and lying on bedrock, first to fourth rate.

Medium heavy to a heavy growth of cedar and pinon pine covers practically the entire northwest quarter of the township. A sparse growth of cottonwood is found in a few places along the bottoms of swales and in rows along the banks of canals.

Shadscale, black sagebrush, salt brush, yellow top, greasewood, and white sagebrush undergrowth and gramma, bunch, and sand grass are sparse and scattering on the lower sections and bad lands and dense on the benches.

Branches of the Cleveland canal, streams of clear water, 15 to 30 links wide, 2 to 3 feet deep, flow northerly through sections 36, 25, 24, and 13. A small stream of alkali water rises and sinks in several places in the bottom of a draw in the SE $\frac{1}{4}$  SW $\frac{1}{4}$  of section 4 and in the NE $\frac{1}{4}$  NW $\frac{1}{4}$  of section 9; also, a small stream of alkali water rises and sinks in several places in the bottom of a draw in the SW $\frac{1}{4}$  SW $\frac{1}{4}$  of section 17. A small seep of alkali water lies in the bottom of a small draw in the NW $\frac{1}{4}$  SW $\frac{1}{4}$  of section 21, and a small stream of alkali water rises and sinks in many places in the bottom of Cedar Creek Wash in the SE $\frac{1}{4}$  of section 31. There is no other water in the township.

Approximately one third of each of sections 13 and 24, one quarter of section 25, and three quarters of section 36 are under cultivation and irrigated from branches of the Cleveland canal, producing all kinds of crops of grain, vegetables, and some fruit. Settlers have large farms in sections 13, 24, 25, and 36, as follows: William and Melvin Staker in section 13, Samuel Naylor, Charles Johanson, and Oran Wilson in section 24, David Timothy in section 25, and Frank Lundy, Irving Franklin, and John Anderson in section 36. The farms in sections 13 and 24 extend into sections 18 and 19, in Township 16 South, Range 10 East. The Cedar Creek ranch, which is owned by the United States Fuel Company, covers 440 acres in sections 19 and 30. These farms and the Cedar Creek ranch are well improved with dwellings, corrals, reservoirs, irrigation ditches, fences and cross fences. The greater portion of the Cedar Creek ranch is fenced and cross fenced with approximately 80 acres under cultivation.

The surface of the remaining and greater part of the township is only suitable for fall, winter, and spring grazing, and is stocked with sheep and cattle, under the supervision of the U. S. Division of Grazing.

A large cattle corral, which was built by the U. S. Division of Grazing, is located in the SW $\frac{1}{4}$  NW $\frac{1}{4}$  of section 13. This corral is constructed of cedar posts and pine poles, and partitioned off into four corrals, circular in shape, with diameters of 77, 140, 160, and 180 links. Two large stock watering troughs, which were constructed by the U. S. Division of Grazing are located as follows: one in the NE $\frac{1}{4}$  NW $\frac{1}{4}$  of section 9 and one in the SW $\frac{1}{4}$  SW $\frac{1}{4}$  of section 17. Numerous timber and sheep wagon roads cross the township. Utah State Highway No. 10 crosses the south boundary of section 34, near the corner of sections 3, 4, 33, and 34, bears in a northeasterly direction, and leaves section 1 west approximately twenty chains distant from the northeast corner of the township. From a point east about four chains distant from the corner of sections 5, 6, 31, and 32, on the south boundary of the township, Utah State Highway No. 122 bears northwesterly through sections 32, 31, 30, and the SW $\frac{1}{4}$  of section 19.





## CERTIFICATE OF SURVEYOR

I, J. C. Clark, Surveyor, HEREBY CERTIFY upon honor  
 pursuance of special instructions bearing date of the 15th day of December  
 received from the district cadastral engineer for Utah, with and  
 instructions dated May 9, 1940, I have ~~surveyed~~ made a Dependent Resurvey  
the Castle Valley Guide Meridian or East Boundary, Second Guide Meridian  
East or West Boundary, South Boundary and the Subdivisional Lines  
Township 16 South, Range 9 East  
 of the Salt Lake Meridian, in the State of Utah, which  
 represented in the foregoing field notes as having been executed by me and under my direction; and that  
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey  
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.  
Salt Lake City, Utah  
March 7, 1942

J. C. Clark  
 Assistant Cadastral Engineer.

## CERTIFICATE OF APPROVAL

Bureau of Land Management  
 Office of Supervisor of Surveys,  
 Washington, D.C. APR 12 1949

The foregoing field notes of the ~~original~~ Dependent Resurvey of the Castle Valley  
Guide Meridian or East Boundary, Second Guide Meridian East or West  
Boundary, South Boundary and the Subdivisional Lines of Township 16  
South, Range 9 East  
 executed by J. C. Clark  
 under special instructions dated December 15, 1938, and assignment  
 instructions dated May 9, 1940, having been critically examined, and  
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey  
 therein described, are hereby approved.

Earl S. Harrington  
 Chief, Division of ~~Surveying~~ Engineering.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_  
 \_\_\_\_\_, is a true copy of the original field notes on file in the public survey office.

\_\_\_\_\_  
 Supervisor of Surveys

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

of the

Dependent Resurvey of the 3rd Standard Parallel South through

R. 13 E., the North Boundary of T. 17 S., R. 13 E., and the West Boundary

of T. 16 S., R. 14 E.

and

Survey of Portions of the Subdivision

of

T. 16 S., R. 13 E.

Of the Salt Lake Meridian,

in the State of Utah

EXECUTED BY

Kenneth F. Hansen

Cartographer-Cadastral

supplemental special instructions dated April 12, 1954,  
under special instructions dated April 8, 1953 and/\_\_\_\_\_, 19\_\_\_\_\_, which provided  
for the surveys included under Group No. 385, approved April 21, 1953  
and assignment instructions dated July 8, 19 54

Survey commenced July 14, 19 54

Survey completed August 17, 19 54

INDEX DIAGRAM

Township 16 South, Range 13 East

25	24	23	22	21	20	
6	5	4	32 3	36 2 35	34 1	10
7	8	9 39	31 10	11	12	7
18	17	38 16 37	31 15	14	13	5
19	20	21	30 22	23	24	4
30	29	28	29 27	26	25	3
31	41 40 32	39 33	28 34	35	27 26 36	1
18	17	15	13	12	12	

## The Boundaries and Subdivisions, T. 16 S., R. 13 E.

## Chains

The north boundary, or third standard parallel south, was surveyed by A. D. Ferron, Deputy Surveyor, in 1884. The south mile of the east boundary was surveyed by A. D. Ferron in 1884. In 1905 James C. Dick, Deputy Surveyor, resurveyed this mile and surveyed the north 5 miles of the east boundary.

The south boundary was surveyed by A. D. Ferron, in 1884. The west 3 miles of this boundary was resurveyed by Frank E. Baxter, Deputy Surveyor, in 1894. The west boundary, or Clarks Valley Guide Meridian, was surveyed by A. D. Ferron in 1882, and was independently resurveyed by John W. Dougall, Surveyor, in 1913.

This survey is initiated upon the request of officials of the State of Utah for the location of those sections within the township that normally are designated State school sections.

The survey was executed with a light mountain solar transit made by Buff and Buff, serial number 18003, property of the Bureau of Land Management. The instrument is equipped with a telescopic solar attachment and conforms to the standard instrument specifications of the Bureau of Land Management. The instrument was maintained in satisfactory adjustment during the progress of the survey.

Measurements were made with narrow steel tapes, 5 and 8 chains in length; each tape is graduated every link for the first 100 links and thereafter at intervals of 10 links. The tapes were tested by comparison with a 1 chain standard steel tape and found correct. Measurements were made on the slope and the vertical angles were determined by clinometers in good adjustment; the field notes record the horizontal equivalents.

The direction of all lines herein reported were determined by deflection from a meridian established by an observation on Polaris, and were augmented by numerous altitude observations on the sun at frequent intervals through the survey.

Corners on the east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established were calculated to be at the positions they would occupy if the entire township were subdivided.

The geographic position for the southeast corner of this township is in latitude  $39^{\circ} 22' 47''$  N., and longitude  $110^{\circ} 23' 50''$  W., as determined from U.S.G.S. Woodside Quadrangle.

The magnetic declination averaged from several readings at favorable locations throughout the township is  $16^{\circ}$  E.

## Dependent Resurvey, West Boundary, T. 16 S., R. 14 E.

Reestablishment of the Survey Executed by  
James C. Dick, Deputy Surveyor, in 1905.

Beginning at the cor. of Tps. 16 and 17 S., R. 13 and 14 E. marked by a 8x16x24 ins. sandstone, firmly set, mkd. and witnessed as described in the official record.

At the cor. point

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

## Dependent Resurvey, W. Boundary, T. 16 S., R. 14 E.

Chains

T16S	
R13E	R14E
S36	S31
<hr/>	
S1	S6
T17S	
1954	

Raise a mound of stone, 5 ft. base,  $3\frac{1}{2}$  feet high, N. of cor. post.

Bury original cor. stone N. side of cor. post.

N.  $0^{\circ} 08' W.$ , between secs. 31 and 36.

Across rolling clay flats.

3.90 Wash, 30 lks. wide, 17 ft. deep, drains S.  $30^{\circ} W.$ 8.30 Wash, 30 lks. wide, 30 ft. deep, drains S.  $30^{\circ} W.$ ; continue across rolling terrain.39.38 The  $\frac{1}{4}$  cor. of secs. 31 and 36, mkd. by a 8x10x10 ins. sandstone, mkd.  $\frac{1}{2}$  firmly set and witnessed as described in the official record.

At the cor. point

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$

S36	S31
<hr/>	
1954	

Raise a mound of stone,  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor. post.

Bury original cor. stone N. side of cor. post.

N.  $0^{\circ} 04' W.$  beginning new measurement.

Across rolling clay flats.

16.20 Rut dirt road, bears S.  $35^{\circ} E.$  and N.  $35^{\circ} W.$ 

26.75 Ascend 15 ft. over rolling S. slope.

40.04 The cor. of secs. 25, 30, 31, and 36, mkd. by a 8x8x12 ins. sandstone, mkd, set and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T16S	
R13E	R14E
S25	S30
<hr/>	
S36	S31
1954	

Raise a mound of stone  $2\frac{1}{2}$  ft. base, 2 ft. high, W. of cor. post.

Bury original cor. stone N. side of cor. post.

Land, rolling flats.

Soil, blue clay.

Dependent Resurvey, W. Boundary, T. 16 S., R. 14 E.

Chains

Timber, none.

Undergrowth, greasewood and sparse bunch grass.

North between secs. 25 and 30.

Across rolling clay hills; ascend 90 ft. over rolling S. slope.

15.85 Rim of clay hill; continue across flat top of hill.

24.95 Fork of 2 washes, 20 lks. wide, 5 ft. deep, drains S. 10° W. from N. 20° E. and North; continue up N. fork of wash.

34.95 Leave wash; asc. 60 ft. over S. slope. Wash enters from N. 35° W.

39.91 The  $\frac{1}{4}$  cor. of secs. 25 and 30, mkd. by a 8x8x16 ins. sandstone, mkd.  $\frac{1}{4}$  on W. face, set and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

S25 | S30

1954

Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$  ins. high, W. of cor. post.

Bury original cor. stone N. side of cor. post.

North, beginning new measurement.

Over broken bench land; ascend 180 ft.

Over steep loose clay SW. slope.

14.15 Ridge of clay spur, projects 2 chs. E.; descend 30 ft. over loose clay NW. slope.

22.35 Wash, 23 lks. wide, 3 ft. deep, drains S. 60° W. for 3 chs.; thence curves to S. 10° W.; ascend 180 ft. over S. slope.

29.60 Rim of bench, bears E. and W.; ascend 20 ft. over gradual SW. slope, through heavy timber growth.

39.99 The cor. of secs. 19, 24, 25, and 30, mkd. by a 6x12x18 ins. sandstone, set, mkd. and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T16S  
R13E | R14E  
S24 | S19  
S25 | S30

1954

from which

## Chains

S. 19

A pinon, 18 ins. diam., bears N.  $21^{\circ} 30'$  E., 11.5 lks. distant, mkd. T16SR14ES19BT.

A pinon, 10 ins. diam., bears S.  $30^{\circ} 15'$  E., 81 lks. distant, mkd. T16SR14ES30BT.

A pinon, 6 ins. diam., bears S.  $41^{\circ} 30'$  W., 24 lks. distant, mkd. T16SR13ES25BT.

A pinon, 15 ins. diam., bears N.  $77^{\circ} 15'$  W., 43.5 lks. distant, mks. T16SR13ES24BT.

Bury original cor. stone N, side of cor. post.

Land, broken bench terrain.

Soil, blue shale and clay.

Timber, heavy pinon and juniper, W.  $\frac{1}{2}$  mile.

Undergrowth, greasewood.

N.  $0^{\circ} 03'$  W., between secs. 19 and 24.

Across rolling bench terrain, through heavy timber growth.

18.05 Wash, 30 lks. wide, 4 ft. deep, drains S.  $30^{\circ}$  W.; ascend 20 ft. over general S. slope.

20.05 Top of ascent; descend 40 ft. over rolling NW. slope.

24.65 Base of descent; continue across rolling bench land, through heavy timber.

37.15 Rim of canyon, bears S.  $30^{\circ}$  W. and N.  $35^{\circ}$  E.; descend 50 ft. over rocky steep NW. slope.

39.90 The  $\frac{1}{4}$  cor. of secs. 19 and 24, mkd. by a cross (X) on a sandstone boulder showing  $4 \times 4 \times 4\frac{1}{2}$  ft. above ground, with a  $\frac{1}{4}$  chiseled into top, and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., on top of chiseled on boulder, and in a large mound of stone, 3 ft. base to top, and banked to side of larger boulder, with brass cap mkd.

$\frac{1}{4}$

S24 | S19

1954

from which,

A pinon, 6 ins. diam., bears N.  $89^{\circ}$  E., 13 lks. distant, mkd.  $\frac{1}{4}$  sec. S19BT.

No other bearing trees available.

N.  $0^{\circ} 07'$  E., along the W. boundary of sec. 19, beginning new measurement.



## Dependent Resurvey, W. Boundary, T. 16 S., R. 14 E.

## Chains

Continue descent 130 ft. over rocky steep NW. slope.

7.90 Wash at bottom of canyon, 18 lks. wide, 6 ft. deep, drains S. 25° W.; ascend 260 ft. over broken, rocky SE. slope.

18.20 Rim of canyon, bears N. 30° E. and S. 30° W.; continue across level bench land through heavy timber growth.

39.65 The cor. originally established for the cor. of secs. 13, 18, 19, and 24 mkd. by a 6x12x24 ins. sandstone, firmly set, mkd. and witnessed as described in the official record. This cor. now functions for sec. 18 and 19, T. 16 S., R. 14 E. only.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T16S	
R13E	R14E
S24	<u>S18</u>
	S19

1954

from which

A pinon, 8 ins. diam., bears N. 23° 30' E., 38 lks. distant, mkd. T16SR14ES18BT.

A pinon, 5 ins. diam., bears S. 77° 30' E., 65 lks. distant, mkd. T16SR14ES19BT.

A pinon, 15 ins. diam., bears S. 9° 15' E., 38 lks. distant, mkd. T16SR13ES24BT.

Bury original cor. stone on N. side of iron post.

Raise a mound of stone, 5 ft. base, 3 ft. high, E. of cor. post.

Land, broken bench terrain.

Soil, sand and blue clay.

Timber, pinon and juniper.

Undergrowth, sparse bunch grass and greasewood.

N., 0° 04' W., along the W. boundary of sec. 18.

0.45 Point for the cor. of secs. 13 and 24, at 80 chs. latitude north of cor. of secs. 19, 24, 25, and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T16S	
R13E	R14E
<u>S13</u>	S18
S24	

1954

from which

A pinon, 16 ins. diam., N. 87° 30' W., 23 lks. distant, mkd. T16SR13ES13BT.

A pinon, 16 ins. diam., S. 16° 16' W., 83 lks. distant, mkd. T16SR13ES24BT.

Chains

Continue across bench terrain; descend 40 ft. over general N. side through scattered timber.

8.70 Wash, 30 lks. wide, 4 ft. deep, drains S. 30° W.; continue across rolling terrain.

13.70 Same wash, 40 lks. wide, 3 ft. deep, drains S. 35° E.

15.30 Same wash, 60 lks. wide, 3 ft. deep, drains S. 40° W.; continue across rolling terrain.

40.08 The  $\frac{1}{4}$  cor. originally established for secs. 13 and 18, which is marked by a 8x12x18 ins. sandstone, mkd.  $\frac{1}{4}$ , set and witnessed as described in the official record. This cor. now functions for sec. 18, T. 16 S., R. 14 E. only.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 23 ins. in the ground to solid rock, with brass cap mkd.

$\frac{1}{4}$

S18

1954

from which

A pinon, 8 ins. diam., bears S. 80° E., 6 lks. distant, mkd.  $\frac{1}{4}$ S18BT.

Bury original cor. stone on N. side of iron post.

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. post.

N. 0° 08' E., beginning new measurement.

Across rolling terrain, through heavy timber growth.

0.37 Point for the  $\frac{1}{4}$  cor. of secs. 13, 120 chs. latitude north of the cor. of secs. 19, 24, 25, and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$

S13

1954

from which

A juniper, 6 ins. diam., bears S. 32° W., 29 lks. distant, mkd.  $\frac{1}{4}$ S13BT.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. post.

5.95 Unimproved road, bears S. 80° W. and N. 75° E.

12.45 Wash, 30 lks. wide, 5 ft. deep, drains S. 85° W.

20.05 Wash, 20 lks. wide, 4 ft. deep, drains W.; ascend 115 ft. over bare SW. slope.

Dependent Resurvey, W. Boundary, T. 16 S., R. 14 E.

Chains

25.80

Rim of bench, bears general E. and W. direction; ascend 20 ft. over gradual S. slope.

39.65

Rim of bench, bears S. 70° W. and N. 80° E.; descend 10 ft. over N. slope to cor.

39.95

The cor. originally established for secs. 7, 12, 13, and 18, mkd. by a 6x14x18 ins. sandstone, mkd., set and witnessed as described in the official record, functions for secs. 7 and 18, T. 16 S., R. 14 E. only.

At the cor. point.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., and in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T16S	
R13E	R14E
S13	S7
	S18

1954

from which

A pinon, 4 ins. diam., bears N. 48° 18' E., 70 lks. distant, mkd. S7ET.

A pinon, 6 ins. diam., bears S. 69° 30' E., 45 lks. distant, mkd. T16SR14ES18ET.

A pinon, 8 ins. diam., bears S. 77° 15' W., 30 lks. distant, mkd. T16SR12ES18ET.

Bury original cor. stone on N. side of iron post.

Land, rolling bench terrain.

Soil, sand.

Timber, pinon and juniper.

Undergrowth, sparse bunch grass.

0.42

N. 0° 15' W., along the W. boundary of sec. 7.

Over broken land, through heavy timber and scant undergrowth; desc. 15 ft. over N. slope to cor.

Point for the cor. of secs. 12 and 13 at 160 chs. latitude north of the cor. for secs. 19, 24, 25, and 30.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

T16S	
R13E	R14E
S12	S7
S13	

1954

from which

Dependent Resurvey, W. Boundary, T. 16 S., R. 14 E.

Chains	
	A pinon, 5 ins. diam., bears S. 77° 20' W., 48 lks. distant, mkd. T16SR13ES13BT.
	Raise a mound of stone, 3 ft. base, 2½ ft. high W. of cor.
	Over rolling land, through heavy timber growth; descend 90 ft. over N. slope.
2.80	Break of descent; descend 10 ft. over gradual N. slope.
15.60	Wash, 20 lks. wide, 4 ft. deep drains S. 80° W.; continue over rolling land.
36.60	Wash, 25 lks. wide, 8 ft. deep, drains S. 75° W.
40.42	Point for the ¼ cor. of sec. 12 at a distance of 200 chs. latitude north of the cor. of secs. 19, 24, 25, and 30.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	<div>¼</div> <div>S12</div> <div>1954</div>
	from which
	A pinon, 8 ins. diam., bears S. 40° W., 53 lks. distant, mkd. ¼S12BT.
40.77	The ¼ cor. originally established for secs. 7 and 12, mkd. by a 6x10x20 ins. sandstone, mkd. ¼ on W. face, set and witnessed as described in the official record, now functions for sec. 7, T. 16 S. R. 14 E. only.
	At the cor. point.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.
	<div>¼</div> <div>S7</div> <div>1954</div>
	from which
	A pinon, 12 ins. diam., bears S. 75° 15' E., 48 lks. distant, mkd. ¼S7BT.
	A pinon, 19 ins. diam., bears N. 44° 30' W., 27 lks. distant, mkd. ¼S12BT.
	Bury original cor. stone on N. side of iron post.
	Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. point.
	N. 0° 09' E. beginning new measurement.
	Across rolling terrain through heavy timber growth.

## Dependent Resurvey, N. Boundary, T. 16 S., R. 14 E.

## Chains

31.55

Wash, 30 lks. wide, 7 ft. deep, drains S. 80° W.; continue over nearly level land.

39.65

Point for the cor. of secs. 1 and 12 at a distance of 240 chs. latitude north of the cor. of secs. 19, 24, 25, and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T16S	
R13E	R14E
S1	S7
S12	

1954

from which

A pinon, 10 ins. diam., bears S. 75° E., 50 lks. distant, mkd. T16SR14ES7BT.

A pinon, 16 ins. diam., bears S. 40° W., 80 lks. distant, mkd. T16SF13ES12BT.

A pinon, 12 ins. diam., bears N. 50° W., 74 lks. distant, mkd. T16SR13ES1BT.

A pinon, 14 ins. diam., bears N. 80° E., 31 lks. distant, mkd. T16SR14ES7BT.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. post.

Across level terrain.

40.07

The cor. originally established for secs. 1, 6, 7, and 12, mkd. by a 4x8x18 ins. sandstone, set and witnessed as described in the official record, now functions for secs. 6 and 7, T. 16 S., R. 14 E. only.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T16S	
R13E	R14E
S1	S6
S7	

1954

from which

A pinon, 14 ins. diam., bears N. 53° 45' W., 30 lks. distant, mkd. T16SR13ES1BT.

A pinon, 12 ins. diam., bears N. 46° 30' E., 81 lks. distant, mkd. T16SR14ES6BT.

A pinon, 14 ins. diam., bears S. 43° 15' E., 43 lks. distant, mkd. T16SR14ES7BT.

Bury original cor. stone on N. side of cor. post.

Raise a mound of stone, 3 ft. base, 2 ft. high E. of cor. post.

Chains

Land, rolling.  
Soil, sandy.  
Timber, pinon and juniper.  
Undergrowth, sparse bunch grass.

N.  $0^{\circ} 10'$  E., along the W. boundary of sec. 6.

Across level terrain, through heavy timber growth.

1.40 Wash, 20 lks. wide, 2 ft. deep, drains W.

15.90 Unimproved road, bears E. and W.

23.50 Wash, 150 lks. wide, 16 ft. deep, drains N.  $75^{\circ}$  W.

39.58 Point for the  $\frac{1}{4}$  cor. of sec. 1 at a distance 280 chs. latitude north of cor. for secs. 19, 24, 25, and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground with brass cap mkd.

$\frac{1}{4}$   
61

1954

from which

A juniper, 6 ins. diam., bears S.  $43^{\circ}$  W., 43 lks. distant, mkd.  $\frac{1}{4}$ S1BT.

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of cor.

40.99 The  $\frac{1}{4}$  cor. originally established for secs. 1 and 6; mkd. by a 8x10x12 ins. sandstone, mkd.  $\frac{1}{4}$  set and witnessed as described in the official record, now functions for sec. 6, T. 16 S., R. 14 E. only.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground with brass cap mkd.

$\frac{1}{4}$   
S6

1954

from which

A pinon, 8 ins. diam., bears N.  $47^{\circ}$  E., 45 lks. distant, mkd.  $\frac{1}{4}$ S6BT.

A juniper, 6 ins. diam., bears S.  $50^{\circ}$  W., 46 lks. distant, mkd.  $\frac{1}{4}$ S1BT.

Bury original cor. stone on N. side of cor. post.

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. post.

Dependent Resurvey, W. Boundary, T. 16 S., R. 14 E.

Chains

N. 0° 04' E., beginning new measurement.

Across rolling land, through scattered timber.

2.85 Rut road, bears N. 60° W. and S. 60° E.

7.05 Rut road, bears E. and W.

8.25 Wash, 20 lks. wide, 3 ft. deep, drains N. 70° W.; continue over rolling terrain. End of timber.

38.59 Point for the 1/16 cor. of sec. 1 at a point 320 chs. latitude north of cor. for secs. 19, 24, 25, and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

1/16

S1

80

1954

Continue over nearly level land.

52.73 The original closing cor. of T. 16 S., R. 13 and 14 E., mkd. by a 8x8x16 ins. sandstone, set and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T16SR14E

S31

S1 | S6

CC

R13ER14E

T16S

1954

Bury original cor. stone on N. side of iron post.

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, S. of cor. post.

From this closing cor. the standard cor. of T. 15 S., Rs. 13 and 14 E., bears S. 89° 55' W., 13.96 chs. dist.

Land, rolling terrain.

Soil, sandy.

Timber, pinon and juniper.

Undergrowth, greasewood and bunch grass.

Dependent Resurvey, N. Boundary, T. 17 S., R. 13 E.

Reestablishment of the Survey Executed by  
A. D. Ferron, Deputy Surveyor, in 1884,  
and Frank Baxter, Deputy Surveyor, in 1894.

Chains

Beginning at the cor. of Ts. 16 and 17 S., Rs. 13 and 14 E.  
N. 89° 49' W., between secs. 1 and 36.

Over rolling clay hills..

0.30 Wash, 40 lks. wide, 10 ft. deep, bears S.

8.10 Wash, 10 lks. wide, 8 ft. deep, drains S.

14.10 Wash, 20 lks. wide, 14 ft. deep, drains S. 30° E.

24.56 Intersect telephone line, bears N. 40° W. and S. 40° E.

29.25 Wash, 20 lks. wide, 10 ft. deep, drains S. 75° W.

32.50 Unimproved road, bears N. and S.

40.04 The  $\frac{1}{4}$  cor. of secs. 1 and 36, mkd. by a wood post in the center of a large mound of stone, all stones of mound were badly eroded. No recognizable markings.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

S36

$\frac{1}{4}$

S1

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. post

S. 89° 44' W., beginning new measurement.

Over rolling clay hills.

27.60 U. S. highway 50, Bituminous surface, bears N. 75° W. and S. 75° E.

40.24 The cor. of secs. 1, 2, 35, and 36, mkd. by a 4x8x15 ins. sandstone, set and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground with brass cap mkd.

T16SR13E

S35|S36

S2|S1

T17S

1954

Bury original cor. stone along N. side of cor. post.

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. post.

Land, rolling clay hills,

Soil, blue clay.

Timber, none.

Undergrowth, greasewood.

S. 89° 55' W., between secs. 2 and 36.



Dependent Resurvey, N. Boundary, T. 17 S., R. 13 E.

chains	Over broken clay hills; ascend 40 ft. over gradual E. slope.
17.70	Rut road, bears S. 65° W. and N. 70° E.
28.45 11.45	Top of ridge, bears N. 20° E. and S. 20° W.; descend abruptly 100 ft. over steep, loose, clay W. slope.
55.05	Wash at bottom of ridge, 20 lks. wide, 2 ft. deep, drains S. 30° W.
40.00	Unimproved road, bears N. and S.
40.875	Point for the $\frac{1}{4}$ cor. of secs. 2 and 35, at proportionate distance. There is no remaining evidence of the old original corner.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"><math display="block">\begin{array}{r} S35 \\ \frac{3}{4} \\ \hline S2 \\ 1954 \end{array}</math></div> Raise a mound of stone, 3 ft. base, 2 ft. high N. of cor. post. Continue over broken clay hills.
58.00	Bottom of slopes; ascend 65 ft. over steep NE. slope.
62.35	Top of ridge, bears N. 20° W. and S. 20° E., continue over rolling terrain.
69.45	Wash, 16 lks. wide, 1 ft. deep, drains S. 30° W.
80.15	The cor. of secs. 2, 3, 34, and 35, mkd. by a 4x14x18 ins. sandstone, mkd. set, and witnessed as described in the official record.  At the cor. point.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"><math display="block">\begin{array}{r} T16SR13E \\ S34   S35 \\ \hline S3   S2 \\ T17S \\ 1954 \end{array}</math></div> Bury original cor. stone on N. side of cor. post.  Raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. post.  Land, broken clay hills. Soil, blue clay. Timber, none. Undergrowth, greasewood.
	S. 89° 59' W. along N. bdy. of sec. 3.
	Over rough rolling rocky clay hills.
0.90	Unimproved road, bears S. 40° W. and N. 30° E.
9.10	Rim of wash; descend 50 ft. over SW. slope.

## Chains

- 9.55' Wash, 15 lks. wide, 2 ft. deep, drains S.; ascend 40 ft. over N.
- 13.90 Rim of wash. Enter scattered timber.
- 17.10 Rim of wash; descend 30 ft. over SW. slope.
- 19.10 Wash, 10 lks. wide, 2 ft. deep, drains S. 20° W.; ascend 25 ft. over NE. slope.
- 26.35 Rim of wash, continue over gradual descent.
- 30.35 Unimproved road, bears S. 20° W. and N. 30° E.
- 32.55 Telegraph line, bears N. 30° W. and S. 30° E.
- 33.45 Railroad tracks (D&RGW), bears N. 35° W. and S. 35° E.
- 36.25 Unimproved road, bears N. 30° W. and S. 30° E. to railroad crossing
- 40.00 Point for the  $\frac{1}{4}$  cor. of sec. 34, at 40 chs. departure West of the cor. of secs. 2, 3, 34, and 35.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground with brass cap mkd.

 $\frac{1}{4}$  S34

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. post

- 40.49 The  $\frac{1}{4}$  cor. originally established for secs. 3 and 34, mkd. by a 4x4x16 ins. sandstone, mkd.  $\frac{1}{4}$  set and witnessed as described in the official record, now functions for sec. 3, T. 17 S., R. 16 E. only.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd. $\frac{1}{4}$  S3

1954

Bury original cor. stone on N. side of cor. post.

Raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, S. of cor. post

S. 89° 41' W., beginning new measurement.

Ascend 70 ft. over rolling clay and sand hills to cor.

- 3.40 Wash, 15 lks. wide, 3 ft. deep, drains S. 30° W.

- 39.51 Point for the cor. of secs. 36 and 34, at 80 chs. departure West of cor. of secs. 2, 3, 34, and 35.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

## Dependent Resurvey, N. Boundary, T. 17 S., R. 13 E.

## Chains

T16SR13E  
S33 | S34  
 S3  
 T17S  
 1954

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. post.

40.38

The cor. originally established for secs. 3, 4, 33, and 34, mkd. by a 4x8x16 ins. sandstone, mkd., set and witnessed as described in the official record, now functions for secs. 3 and 4, T. 17 S., R. 13 E. only.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground, and in a mound of stone, 2 ft. base to top, with brass cap mkd.

T16SR13E  
S33  
 S4 | S3  
 T17S  
 1954

Raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, S. of cor. post.

Land, rolling hills.

Soil, sand and clay.

Timber, none.

Undergrowth, bunch grass.

S. 89° 53' W., along the N. bdy. of sec. 4.

Over rolling land, through scattering timber.

Ascend 15 ft. over gradual NE. slope.

8.80 Ridge, bears N. and S.; descend 65 ft. over steep W. slope.

13.70 Wash, 10 lks. wide, 1 ft. deep, drains S. 70° W.; ascend 20 ft. over SE. slope.

15.40 Top of spur, projects SW. 2 chs. to end; descend 20 ft. over NW. slope.

17.10 Wash, 5 lks. wide, 1 ft. deep, drains S. 20° W.

20.30 Ridge, bears generally N. and S.; descend 110 ft. over steep W. slope.

27.70 Wash, 10 lks. wide, 2 ft. deep, drains S. 40° W.; ascend 30 ft. over broken S. slope.

39.13 Point for the  $\frac{1}{4}$  cor. of sec. 33, at 120 chs. departure West of the cor. of secs. 2, 3, 34, and 35.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., on solid slate rock, and in a mound of stone 4 ft. base to top, with brass cap mkd.

$\frac{1}{4}$  S33

1954

40.01 The  $\frac{1}{4}$  cor. originally established for secs. 4 and 33, mkd. by a 6x8x18 ins. sandstone, mkd.  $\frac{1}{4}$  on N. face, set and witnessed as described in the official record now functions for secs. 4, T. 17 S., R. 13 E. only.

At the cor. point.

## Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., on solid slate rock and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

S4

1954

Bury original cor. stone along N. side of cor. post.

N.  $89^{\circ} 58'$  W., beginning new measurement.

Over rocky broken land.

4.10 Wash, 10 lks. wide, 2 ft. deep, drains S.  $20^{\circ}$  E.

6.90 Wash, 10 lks. wide, 3 ft. deep, drains S.  $30^{\circ}$  E.

13.30 Ascend 50 ft. over E. slope.

23.50 Top of ascent; descend 90 ft. over broken, rocky SW. slope.

32.20 Wash, 15 lks. wide, 3 ft. deep, drains S.  $40^{\circ}$  W.

39.12 Point for the cor. of secs. 32 and 33, at 160 chs. departure West of the cor. of secs. 2, 3, 34, and 35.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground with brass cap mkd.

T16SR13E

S32 | S33

S4

T17S

1954

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, N. of cor. post.

40.23 The cor. originally established for secs. 4, 5, 32, and 33, mkd. by a 4x10x16 ins. sandstone, mkd., set, and witnessed as described in the official record, now functions for secs. 4 and 5, T. 17 S., R. 13 E. only.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T16SR13E

S32

S5 | S4

T17S

1954

Bury original cor. stone on N. side of iron post.

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of the post.

Land, broken.

Soil, sandy shale.

Timber, very sparse pinon.

Undergrowth, bunch grass and desert sage.

Dependent Resurvey, N. Boundary, T. 17 S., R. 13 E.

Chains

S. 89° 59' W., along the N. bdy. of sec. 5.  
 Over broken terrain; descend 80 ft. over general SW. slope.  
 7.90 Wash, 10 lks. wide, 2 ft. deep, drains S. 40° W.; continue descent of 40 ft. over SW. slope.  
 19.80 Abandoned railroad grade, bears N. and S.  
 27.80 Grassy Trail Creek, 40 lks. wide, 12 ft. deep, drains in general S. direction; ascend 80 ft. over series of sandstone cliffs.  
 34.10 Top of cliffs, bears N. and S.; ascend 70 ft. over general NE. slope of rolling hills.  
 38.89 Point for the  $\frac{1}{4}$  cor. of sec. 32, at 200 chs. departure West from the cor. of secs. 2, 3, 34, and 35.  
 Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in ground, with brass cap mkd.

$\frac{1}{4}$  S32

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. post.

40.15 The  $\frac{1}{4}$  cor. originally established for secs. 5 and 32, mkd. by a 2x8x16 ins. sandstone, mkd.  $\frac{1}{4}$  on the N. face, set, and witnessed as described in the official record now functions for sec. 5, T. 17 S., R. 13 E. only.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

$\frac{1}{4}$  S5

1954

Deposit original cor. stone along W. side of post.

S. 89° 51' W., beginning new measurement.

Over mountainous land; ascend 100 ft. over steep NE. slope.

10.05 Top of spur ridge, bears S. 20° E. and N. 20° W.; continue ascent of 60 ft. over rolling mountainous land.

23.30 Top of divide, bears S. 20° E. and N. 20° W.; descend 135 ft. over a rolling W. slope.

38.74 Point for the cor. of secs. 31 and 32, at 240.00 chs. departure west from the cor. of secs. 2, 3, 34, and 35.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., and in a large mound of stone, 4 ft. base to top, with brass cap mkd.

T16SR13E

S31|S32

S5

T17S

1954

## Chains

40.43

The cor. originally established for secs. 5, 6, 31, and 32, mkd. by a 8x8x12 ins. sandstone, mkd., set and witnessed as described in the official record now functions for secs. 5 and 6, T. 17 S., R. 13 E. only.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T16SR13E

S31

S6 | S5

T17S

1954

Land, rolling mountainous.

Soil, sandy and shale.

Timber, very scattered pinon.

Undergrowth, bunch grass and desert sage.

S.  $89^{\circ} 49' W.$ , along the N. bdy. of sec. 6.

Over mountainous terrain; ascend 175 ft. over rolling E. slope.

31.35

Change of slope; ascend 210 ft. over rocky steep SE. slope.

38.31

Point for the  $\frac{1}{4}$  cor. of sec. 31, at 280 chs. departure west of the cor. of secs. 2, 3, 34, and 35.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

 $\frac{1}{4}$  S31

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of post.

Continue ascending 30 ft. over SE. slope.

40.03

The  $\frac{1}{4}$  cor. originally established for secs. 6 and 31, mkd. by a 5x7x16 ins. sandstone, mkd.  $\frac{1}{4}$  on the N. face, set and witnessed as described in the official record now functions for sec. 6, T. 17 S., R. 13 E. only.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base to top, with brass cap mkd.

 $\frac{1}{4}$  S6

1954

Deposit original cor. stone along N. side of cor. post.

N.  $89^{\circ} 49' W.$ , beginning new measurement.

## Dependent Resurvey, N. Bdy., T. 17 S., R. 13 E.

## Chains

- Over mountainous terrain; ascend 45 ft. over a SE. slope.
- 4.20. Ridge, bears N. 25° E. and S. 25° W.; descend 40 ft. over W. slope.
- 9.20. Base of descent; ascend 75 ft. over an E. slope.
- 16.95. Ridge, bears N. 20° E. and S. 20° W.; descend 25 ft. over NW. slope.
- 21.95. Base of descent; ascend 80 ft. over rolling E. slope.
- 41.19. The closing cor. for Ts. 16 and 17 S., R. 13 E., which is mkd. by a 8x8x16 ins. sandstone mkd., set, and witnessed as described in the official record.
- At the cor. point.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

	T16S
T17S	R13E
	S31
S1	$\frac{C}{C}$
	S6
R12E	T17S
	1954

Raise a mound of stone, 4 ft. base,  $2\frac{1}{2}$  ft. high, E. of cor. post.

From this closing cor. the cor. of Ts. 16 and 17 S., R. 12 E., mkd. by a 3 in. iron post, mkd., set and witnessed as described in the official record, bears North 17.76 chains distant.

Land, mountainous.

Soil, sand, shale and patches of bedrock.

Timber, sparse, pinon.

Undergrowth, bunch grass and desert sage.

## Dependent Resurvey, 3rd Standard Parallel S., R. 13 E.

Reestablishment of the Survey Executed by  
A. D. Ferron in 1884 and Andersen and Ware  
in 1889.

Beginning at the standard  $\frac{1}{4}$  cor. of sec. 31, T. 15 S., R. 14 E., which is mkd. by a 6x12x24 ins. sandstone, mkd., set and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

	S C
$\frac{1}{4}$	S31

1954

from which

Chains

A pinon, 10 ins. diam., bears N. 0° 30' W., 118 lks. distant, mkd. S31SCBT.

Deposit original cor. stone, along N. side of the post.

S. 89° 55' W., along S. bdy. of sec. 31, T. 15 S., R. 14 E.

Over nearly level land, through heavy timber growth.

8.80 Wash, 28 lks. wide, 7 ft. deep, drains N. 30° W.

17.40 Utah highway, bears N. 20° W. and S. 20° E.

26.21 The closing cor. of T. 16 S., Rs. 13 and 14 E.

40.17 The standard cor. of T. 15 S., R. 13 and 14 E., mkd. by a 6x12x14 in sandstone, mkd., set and witnessed as described in the official record.  
At the cor. point.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a large mound of stone, 3½ ft. base to top, with brass cap mkd.

SC  
T15S  
R13E | R14E  
S36 | S31

1954

from which

A pinon, 10 ins. diam., bears N. 25° 15' W., 123 lks. distant, mkd. T15SR13E336SCBT.

A pinon, 6 ins. diam., bears N. 39° 45' E., 126 lks. distant, mkd. SCBT.

Bury the original cor. stone along N. side of the post.

Land, level terrain.

Soil, sandy.

Timber, pinon and juniper.

Undergrowth, bunch grass.

N. 89° 59' W., along S. bdy. of sec. 36, T. 15 S., R. 13 E.

Over rolling sandy terrain.

23.65 Leave timber.

33.75 Wash, 35 lks. wide, 13 ft. deep, drains S. 60° W.; continue over nearly level land.

34.95 Wash, (same) 30 lks. wide, 15 ft. deep, drains N. 30° W.

40.37 The standard cor. of sec. 36, mkd. by a 6x8x10 ins. sandstone, mkd., set and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long, 2½ ins. in diam., 24 ins. in the ground, with brass cap mkd.

SC  
1 S36

1954



Dependent Resurvey, 3rd Standard Parallel S., R. 13 E.

Bury original cor. stone on N. side of cor. post.

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. post.

N. 89° 33' W., beginning new measurement.

Over rolling sandy terrain.

0.80 Rut road, bears N. 45° W. and S. 40° E.

3.35 Wash, 30 lks. wide, 12 ft. deep, drains N. 30° W.

6.25 Rut road, bears S. 55° E. and W. 40° W.

25.95 Wash, 10 lks. wide, 5 ft. deep, drains N. 40° W.

40.25 The standard cor. of secs. 35 and 36, mkd. by a 5x8x14 ins. sandstone, mkd., set, and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

SC  
T15SR13E  
S35|S36

1954

Bury the original cor. stone along N. side of iron post.

Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of post.

Land, rolling.

Soil, sandy.

Timber, pinon and juniper.

Undergrowth, greasewood and sparse bunch grass.

N. 89° 15' W., along S. bdy. of sec. 35.

Over rolling sandy hills.

0.50 Rut road, bears S. 40° W. and N. 40° E.

29.05 Enter scattered timber.

35.50 Wash, 20 lks. wide, 6 ft. deep, drains S. 30° W. from S. 80° E.

40.12 The standard ¼ cor. of sec. 35, mkd. by a 3x8x10 ins. sandstone, mkd., set and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

SC  
¼ S35

1954

from which

## Dependent Resurvey, 3rd Standard Parallel R., E. 15 S. 1 E.

Chains

A juniper, 8 ins. diam., bears N. 38° W., 85 lks. distant, mkd. ST only.

Bury original cor. stone along N. side of cor. post.

Raise a mound of stone, 3 ft. base 2 ft. high, N. of cor. post.

N. 89° 46' W., beginning new measurement.

Over rolling terrain.

0.50 Wash, 30 lks. wide, 5 ft. deep, drains S. 30° W.; ascend 50 ft. over SE. slope.

7.40 Top of hill; descend 40 ft. over NW. slope.

10.95 Base of descent; continue across open terrain in flat valley.

30.30 Ascend 40 ft. over E. slope.

34.30 Top of hill; descend 65 ft. over NW. slope.

37.95 Base of descent; continue over nearly level land.

38.96 The standard cor. of secs. 34 and 35, mkd. by a 8x12x12 ins. sandstone, mkd., set and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

SC  
T15SR13E  
S34/S35

1954

Bury original cor. stone along N. side of iron post.

Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of cor. post.

Land, rolling hills.

Soil, sand and clay.

Timber, scattered pinon and juniper.

Undergrowth, greasewood.

N. 89° 51' W., along S. bdy. sec. 34.

Over nearly level land.

2.80 Wash, 50 lks. wide, 12 ft. deep, drains N. 70° W., continue over rolling terrain

39.85 Dim rut road, bears N. 85° W. and S. 80° E.

40.22 The standard cor. of sec. 34., mkd. by a 8x12 ins. sandstone, mkd., set and witnessed as described in the official record.

At the cor. point.

## Dependent Resurvey, 3rd Standard Parallel S., R. 13 E.

## Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

SC  
S34

1954

Bury original cor. stone along N. side of cor. post.

Raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high.

N.  $89^{\circ} 50' W.$ , beginning new measurement.

Over level land.

40.32

The standard cor. of secs. 33 and 34, mkd. by a  $9 \times 12 \times 16$  ins. sandstone, mkd., set and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

SC  
T15S713E  
S33 | S34

1954

Bury original cor. stone, along N. side of iron post.

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. post.

Land, nearly level land.

Soil, sandy clay.

Timber, none.

Undergrowth, greasewood.

N.  $89^{\circ} 45' W.$ , along S. bdy. of sec. 33, T. 13 S., R. 13 E.

Over level land.

40.18

The standard cor. of sec. 33, mkd. by a  $8 \times 10 \times 14$  ins. sandstone, mkd., set and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.

SC  
S33

1954

Bury original cor. stone along N. side of cor. post.

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, N. of cor. post.

N.  $89^{\circ} 44' W.$ , beginning new measurement.

## Dependent Resurvey, 3rd Standard Parallel S., R. 13 E.

Chains

Over rolling terrain.

9.55 East bank of Iceland Creek, 6 ft. vertical wall.

14.05 Iceland Creek, channel is 100 lks. wide, 3 ft. deep, drains S. 35° W.; heavy growth of swamp grass in channel bed.

18.60 West bank of Iceland Creek, 8 ft. vertical wall.

39.97 The standard cor. of secs. 32 and 33, T. 15 S., R. 13 E., mkd. by a 4x5x10 ins. sandstone, set, mkd. and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

SC  
T15SR13E  
S32 | S33

1954

Bury original cor. stone along N. side of iron post.

Raise a mound of stone, 3 ft. base, 2½ ft. high. N. of cor. post.

Land, nearly level terrain.

Soil, sandy clay.

Timber, none.

Undergrowth, greasewood and swamp grass.

N. 89° 42' W., along the S. bdy. sec. 32, T. 15 S., R. 13 E.

Over rolling terrain; ascend 25 ft. over a SE. slope.

4.55 Top of knoll; descend 20 ft. over gradual W. slope.

12.50 Base of descent; ascend 15 ft. over very gradual E. slope.

27.05 Base of knoll; ascend 30 ft. over E. slope.

32.00 Top of knoll; descend 25 ft. over W. slope.

40.00 The standard ¼ cor. of sec. 32, T. 15 S., R. 13 E., mkd. by a 5x8x8 ins. sandstone, set, mkd., and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

SC  
¼ S32

1954

Deposit original cor. stone along N. side of iron post.

N. 89° 50' W., beginning new measurement.

Dependent Resurvey, 3rd Standard Parallel S., R. 13 E.

Chains

Over rolling land; ascend 15 ft. over E. slope.

7.85 Top of knoll; descend 40 ft. over W. slope.

12.80 Base of descent; continue across level terrain.

34.32 U. S. highway 50, two-lane, asphalt surface, bears N. 35° W. and S. 35° E.

38.05 Wash, 18 lks. wide, 4 ft. deep, drains S. 20° E.

39.82 The standard cor. of secs. 31 and 32, T. 15 S., R. 13 E., mkd. by a 5x6x8 ins. sandstone, set, mkd. and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap marked.

SC  
T15S R13E  
S31 | S32

1954

Bury original cor. stone along E. side of cor. post.

Raise a mound of stone, 3 ft. diam., 2 1/2 ft. high, E. of cor. post.

Land, rolling.  
Soil, sandy clay.  
Timber, none.  
Undergrowth, greasewood.

N. 42° 45' W. along S. bdy. sec. 31, T. 15 S., R. 13 E.

Over rolling hills.

3.05 Dirt road, bears N. 30° E. and S. 30° E.

7.95 Telephone line, bears N. 40° W., and S. 40° E.

11.25 Ascend 70 ft. over rocky N. slope.

13.95 East rim of bench, bears N. 30° W. and S. 30° E.; continue across flat bench terrain.

23.55 West rim of bench, bears N. 50° W. and S. 50° E.; descend 50 ft. over rocky SW. slope.

29.30 Base of descent; continue across nearly level flats.

40.00 The standard cor. of sec. 31, T. 15 S., R. 13 E., mkd. by a 3x6x12 ins. sandstone, set, mkd., and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

SC  
T15S R13E  
S31

1954

## Dependent Resurvey, 3rd Standard Parallel S., R. 13 E.

Chains

Bury original cor. stone along N. side of iron post.

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, N. of cor. pN.  $89^{\circ} 37'$  W., beginning new measurement.

Over rolling hills.

6.65 Wash, 8 lks. wide, 2 ft. deep, drains S.

8.55 Wash, 6 lks. wide, 2 ft. deep, drains S.

13.35 Wash, 14 lks. wide, 6 ft. deep, drains S.  $30^{\circ}$  E.

27.66 The closing cor. of T. 16 S., Rs. 12 and 13 E., mkd. by a 3 in. iron post, extending 9 ins. above the ground, mkd., set and witnessed as described in the official record. I raise a mound of stone 3 ft. base, 2 ft. high, S. of the closing cor. post.

31.40 Wash, 20 lks. wide, 4 ft. deep, drains S.  $40^{\circ}$  E.

35.75 Ascend 40 ft. over NE. slope.

37.10 Rim of hills; continue across level terrain.

40.13 The standard cor. of T. 15 S., Rs. 12 and 13 E., mkd. by a sandstone 8x9x12 ins. set, mkd., and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.

SC  
T15S  
R12E R13E  
S36 S31

1954.

Bury original cor. stone along N. side of iron post.

Raise a mound of stone,  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, N. of cor. post.

Land, rolling hills.

Soil, sandy clay.

Timber, none.

Undergrowth, greasewood.

## Survey of Portion of the Subdivision, T. 16 S., R. 13 E.

Beginning at the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the township.

N.  $0^{\circ} 01'$  W., between secs. 35 and 36.

Over rolling blue clay hills.

1.80 U. S. Highway 50, two lanes, asphalt surface, bears N.  $85^{\circ}$  W. and S.  $35^{\circ}$  E.; continue across level terrain.11.00 Wash, 15 lks. wide, 4 ft. deep, drains S.  $20^{\circ}$  E.

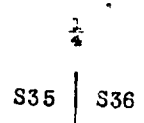
Portion of the Subdivision, T. 16 S., R. 13 E.

38.80 Wash, 10 lks. wide, 4 ft. deep, drains S. 25° E.

39.70 Wash, 15 lks. wide, 5 ft. deep, drains S. 40° E.

40.00 Point for the 1/4 cor. of secs. 35 and 36.

Set an iron post, 30 ins. high, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.



1954

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. post.

Continue across level land.

44.10 Wash, 5 lks. wide, 2 ft. deep, drains S. 45° E.

50.05 Wash, 6 lks. wide, 1 ft. deep, drains S. 60° E.

56.40 Wash, 5 lks. wide, 1 ft. deep, drains S. 70° E.

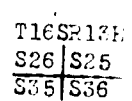
68.50 Wash, 10 lks. wide, 1 ft. deep, drains S. 65° E.

72.39 Telephone line, bears N. 40° W., and S. 40° E.; ascend 40 ft. over SW. slope.

73.95 Top of spur, which projects SE.

80.00 Point for the cor. of secs. 25, 26, 35, and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.



1954

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. post.

Land, rolling.

Soil, blue clay.

Timber, none.

Undergrowth, sparse greasewood.

Beginning at the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the township.

S. 89° 56' W., between secs. 25 and 36.

Over rolling clay hills; descend 8 ft. over gradual SW. slope.

6.50 Wash, course S. 10° E.; ascend 25 ft. over gradual SE. slope.

12.80 Top of ascent; descend 15 ft. over W. slope.

21.20 Wash, 20 lks. wide, 8 ft. deep, drains S.

26.10 Wash, 30 lks. wide, 6 ft. deep, drains S. 55° E.

## Portion of the Subdivision, T. 16 S., R. 13 E.

Chains		
33.00	Ascend 35 ft. over general E. slope.	
38.00	Top of small ridge, bears N. 10° E. and S. 10° W.; descend 30 ft. over rocky SW. slope.	
40.095	Point for the $\frac{1}{4}$ cor. of secs. 25 and 36.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.	
		$\begin{array}{r} S25 \\ \frac{1}{4} \text{ --- } \\ S36 \\ 1954 \end{array}$
	Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor. p.	
	Continue across nearly level terrain.	
43.20	Wash, 5 lks. wide, 3 ft. deep, drains S. 80° W.	
48.60	Wash, 23 lks. wide, 8 ft. deep, drains S. 10° W.	
55.30	Wash, 30 lks. wide, 8 ft. deep, drains S. 20° E.	
62.30	Wash, 14 lks. wide, 3 ft. deep, drains S. 40° W.	
80.19	The cor. of secs. 25, 26, 35, and 36.	
	Land, rolling terrain.	
	Soil, blue clay.	
	Timber, none.	
	Undergrowth, none.	
	Beginning at the cor. of secs. 33 and 34 on the S. bdy. of the township.	
	N. 0° 02' W., between secs. 33 and 34.	
	Over rolling land; descend 40 ft. over gradual NE. slope.	
10.65	Rut road, bears in general E. and W. direction; continue gradual descent of 50 ft. over general N. slope.	
38.12	Center of D&RGW railroad grade, double track; bears N. 40° W. and S. 40° E.	
40.00	Point for the $\frac{1}{4}$ cor. of secs. 33 and 34.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.	
		$\begin{array}{r} \frac{1}{4} \\ S33 \mid S34 \\ 1954 \end{array}$
	Raise a mound of stone 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor. p.	
	Continue over rolling land; ascend 10 ft. over general S. slope.	
48.45	Rut road, bears N. 20° W. and S. 20° E.	



Section of the Subdivision, T. 16 S., R. 13 E.

- 66.70 Rut road, bears N. 75° E. and S. 75° W. to junction 1 ch. distant.
- 74.00 Bladed road, bears N. 20° E. and S. 20° W.
- 77.00 Steel water tank at Cedar Station on D&RGW railroad, bears W. 5 chs.
- 78.40 Base of hill; ascend 50 ft. over rocky S. slope.
- 79.10 Top of hill; continue across level top.
- 80.00 Point for the cor. of secs. 27, 28, 33, and 34.
- Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T16SR13E

S28 | S27

S33 | S34

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. post.

Land, rolling terrain.

Soil, sandy.

Timber, occasional pinon tree.

Undergrowth, desert sage and bunch grass.

N. 0° 02' W., between secs. 27 and 28.

Over broken land.

- 2.70 Crest of hill; descend 40 ft. over broken S. slope.
- 7.70 End of descent; continue across heavy growth of marsh grass.
- 11.65 Wash, 10 lks. wide, 3 ft. deep, drains S. 70° W.; continue across valley floor.
- 19.65 Ascend 105 ft. over steep S. slope.
- 24.40 Rim of bench, bears E. and W.; descend 20 ft. over gradual NE. slope.
- 40.00 Point for the cor. of secs. 27 and 28.
- Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

S28 | S27

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. post.

Continue over rolling terrain.

- 77.60 Wash, 10 lks. wide, 1 ft. deep, drains S. 60° W.
- 80.00 Point for the cor. of secs. 21, 22, 27, and 28.
- Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

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Portion of the Subdivision, T. 16 S., R. 13 E.

Chains

T16SR13E

S21|S22

S28|S27

1954

Raise a mound of stone, .3 ft. base,  $2\frac{1}{2}$  ft. high, W. of cor. post.

Land, rolling to partially broken.

Soil, sandy.

Timber, scattered pinon and juniper.

Undergrowth, desert sage and bunch grass.

N.  $0^{\circ} 02'$  W., between secs. 21 and 22.

Over rolling land.

10.00 Rut road, bears N.  $70^{\circ}$  E. and S.  $70^{\circ}$  W.

12.20 Rut road, bears E. and W.

13.80 Rut road, bears E. and W.

14.00 Descend 35 ft. over NW. slope.

24.75 Wash, 20 lks. wide, 4 ft. deep, drains S.  $75^{\circ}$  W.; ascend 40 ft. over S. slope.40.00 Point for the  $\frac{1}{4}$  cor. of secs. 21 and 22, near base of steep SW. slopeSet an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

4

S21 | S22

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. post.

Ascend 90 ft. over a SW. slope.

46.95 Rim of bench, bears S.  $75^{\circ}$  E. and N.  $75^{\circ}$  W.; over very gradual descent over rolling land.

30.00 Point for the cor. of secs. 15, 16, 21, and 22.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T16SR13E

S16|S15

S21|S22

1954

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high. N. of cor. post.

Land, partially broken.

Soil, sandy.

Timber, scattered pinon and juniper.

Undergrowth, bunch grass.

Portions of the Subdivision, T. 16 S., R. 15 E.

N. 0° 02' W., between secs. 15 and 16.

Over rolling land.

14.80 U. S. Highway 50, two-lane, asphalt surface; bears N. 20° W. and S. 20° E.

15.80 Wash, 20 lks. wide, 4 ft. deep, drains S. 65° W.

25.00 Point for the  $\frac{1}{4}$  cor. of secs. 15 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

S16 | S15

1954

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of cor. post.

Continue over rolling land.

40.80 Wash, 10 lks. wide, 1 ft. deep, drains S. 70° W.

50.50 Telephone line, bears N. 20° W. and S. 20° E.

53.00 Rut road, bears E. and W.

57.40 Wash, 23 lks. wide, 6 ft. deep, drains S. 85° W.

80.00 Point for the cor. of secs. 9, 10, 15, and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T16SR13E

S9 | S10  
S16 | S15

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. post.

Land, rolling.

Soil, sandy.

Timber, none.

Undergrowth, bunch grass and greasewood.

N. 0° 02' W., between secs. 9 and 10.

Over rolling terrain.

18.20 Wash, 10 lks. wide, 3 ft. deep, drains S. 75° W.

38.10 Wash, 20 lks. wide, 6 ft. deep, drains S.

40.00 Point for the  $\frac{1}{4}$  cor. of secs. 9 and 10.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

Chains

S9 | S10

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. post.

Continue over nearly level terrain.

48.80 Wash, 5 lks. wide, 2 ft. deep, drains S. 60° W.

71.30 Rut road, bears S. 80° W. and N. 80° E.

80.00 Point for the cor. of secs. 3, 4, 9, and 10.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T16SR13E

S4 | S3

S9 | S10

1954

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor. post.

Land, rolling.

Soil, sandy clay.

Timber, none.

Undergrowth, bunch grass and greasewood.

N. 0° 02' W., between secs. 3 and 4.

Over rolling land.

40.00 Point for the ¼ cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

S4 | S3

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. post.

Continue over nearly level land.

46.10 Rut road, bears E. and W.

56.30 Wash, 10 lks. wide, 6 ft. deep, drains W.

63.60 Wash, 10 lks. wide, 5 ft. deep, drains W.

69.60 Horse Canyon wash, 60 lks. wide, 14 ft. deep, drains N. 75° W.

80.00 Point for the 1/16 cor. of secs. 4 and 5.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

Portion of the Subdivision, R. 16 S., R. 13 E.

Chains

1/16  
S4 S3  
80  
1954

Continue over nearly level terrain.

95.82

Intersect 3rd standard parallel south; point for the closing cor. of secs. 4 and 5.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T15S  
S34  
S4 S3

C C  
T16SR13E  
1954

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, S. of cor. post.

From this cor. the standard cor. of secs. 33 and 34, T. 15 S., R. 13 E., bears N.  $89^{\circ} 50' W.$ , 14.40 chs. distant.

Land, rolling.

Soil, sandy clay.

Timber, none.

Undergrowth, greasewood.

The point for the closing cor. of secs. 1 and 2, on the N. bdy. of township is at proportionate distance between the closing cor. of secs. 3 and 4, and the closing cor. of T. 16 S., Rs. 13 and 14 E.

At the cor. point.

Set an iron post 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T15S  
S36  
S2 S1  
C C  
T16SR13E  
1954

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. post.

From this closing cor. the standard cor. of secs. 35 and 36, T. 15 S., R. 13 E., bears N.  $89^{\circ} 33' W.$ , 14.30 chs. distant.

The point for the  $\frac{1}{4}$  cor. of sec. 2, on the N. bdy. of the township is at proportionate distance between the closing cor. of secs. 3 and 4, and the closing cor. of T. 16 S., Rs. 13 and 14 E.

At the cor. point.

Chains

mains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

$$\frac{1}{4} \text{ 82}$$

1954

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, S. of cor. post.

From this  $\frac{1}{4}$  cor. the  $\frac{1}{4}$  cor. of sec. 35, T. 16 S., R. 13 E., bears N.  $89^{\circ} 15' \text{ W.}$ , 14.29 chs. distant.

The point for the closing cor. of secs. 2 and 3 on the N. bdy. of the township is at proportionate distance between the closing cor. of secs. 3 and 4, and the closing cor. of T. 16 S., R. 13 and 14 E.

At the cor. point.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.

T153

S35

S3|S2

C C

T16SR13E

1954

From this closing cor., the standard cor. of secs. 34 and 35, T. 15 S., R. 13 E., bears N.  $89^{\circ} 46' \text{ W.}$ , 14.12 chs. distant.

Beginning at the closing cor. of secs. 1 and 2 on the N. bdy. of the township.

S.  $0^{\circ} 01' \text{ E.}$ , between secs. 1 and 2.

Over rolling terrain; ascend 15 ft. over general N. slope.

14.54 Point for the  $1/16$  cor. of secs. 1 and 2., at a point 80.00 chs. N. of the cor. of secs. 1, 2, 11, and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} 1/16 \\ S2 \quad | \quad S1 \end{array}$$

80

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. post.

Continue over rolling terrain.

15.35 Wash, 5 lks. wide, 1 ft. deep, drains W.

34.55 Enter scattered timber.

37.65 Wash, 10 lks. wide, 2 ft. deep, drains NW.

44.60 Wooden rail fenced sheep corral, bears E., 25 lks. distant.

282

Portion of the Subdivision, T. 16 S., R. 13 E.

Chains

54.75 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.

4  
S2 | S1

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. post.

Continue over rolling terrain.

54.90 Wash, 40 lks. wide, 12 ft. deep, drains West; enter heavy timber growth.

80.56 Rut road, bears E. and W.

88.40 Wash, 10 lks. wide, 3 ft. deep, drains S. 65° W.

94.54 Point for the cor. of secs. 1, 2, 11, and 12.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 18 ins. in the ground to solid rock, and in a mound of stone, 2 $\frac{1}{2}$  ft. base to top, with brass cap mkd.

T16SR13E  
S2 | S1  
S11 | S12

1954

from which

A pinon, 12 ins. diam., bears N. 35° E., 75 lks. distant, mkd. T16SR13ES1BT.

A juniper, 5 ins. diam., bears S. 68° 15' E., 61 lks. distant, mkd. S12BT.

A pinon, 8 ins. diam., bears S. 10° 30' W., 34 lks. distant, mkd. T16SR13ES11BT.

A pinon, 10 ins. diam., bears N. 45° 15' W., 30 lks. distant, mkd. T16SR13ES2BT.

Land, rolling.

Soil, sandy.

Timber, pinon and juniper.

Undergrowth, bunch grass.

S. 89° 55' W., between secs. 2 and 11.

Over rolling terrain, through heavy timber growth.

15.80 Wash, 10 lks. wide, 3 ft. deep, drains S. 70° W.

40.075 Point for the  $\frac{1}{4}$  cor. of secs. 2 and 11.

Portion of the Subdivision, T. 15 S., R. 11 E.

Chains

am1240

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

S2  
 $\frac{1}{4}$  ———  
 S11  
 1954

from which

A pinon, 6 ins. diam., bears N.  $15^{\circ}$  E., 52 lks. distant, mkd.  $\frac{1}{4}$ S2BT.

A juniper, 8 ins. diam., bears S.  $29^{\circ} 45'$  E., 18 lks. distant, mkd.  $\frac{1}{4}$ S11BT.

Raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, N. of cor. post

Continue over rolling terrain, through heavy timber growth.

59.50 End of timber.

59.60 Rut road, bears S.  $60^{\circ}$  W. and N.  $60^{\circ}$  E. across open land.

80.15 Point for the cor. of secs. 2, 3, 10, and 11.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 23 ins. in the ground, with brass cap mkd.

T16SR13E  
 S3 | S2  
 S10 | S11  
 1954

Raise a mound of stone, 4 ft. base,  $2\frac{1}{2}$  ft. high, W. of cor. post

Note: The length of the S. bdy. of sec. 35 is 80.15 chs.

Land, rolling.

Soil, sandy.

Timber, pinon and juniper.

Undergrowth, bunch grass.

N.  $0^{\circ} 03'$  W., between secs. 2 and 3.

Over rolling terrain.

6.80 Wash, 5 lks. wide, 2 ft. deep, drains S.  $60^{\circ}$  W.; enter scattered timber.

11.30 Wash, 10 lks. wide, 3 ft. deep, drains S.  $75^{\circ}$  W.

20.00 End of scattered timber.

40.00 Point for the  $\frac{1}{4}$  cor. of secs. 2 and 3.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

S3 | S2

1954

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of cor. post



Portion of the Subdivision, T. 16 S., R. 13 E.

Chains	Continue over rolling land.
54.70	Rut road, bears S. 85° W. and N. 85° E.
56.00	Wash, 25 lks. wide, 12 ft. deep, drains W.
80.00	Point for the 1/16 cor. of secs. 2 and 3, at a point 80 chs. North of the cor. for secs. 2, 3, 10, and 11. <div style="text-align: center;">1/16 S3   S2 80 1954</div>
	Set an iron post; 30 ins. long; 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;">1/16 S3   S2 80 1954</div>
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. post.
	Descend 25 ft. over N. slope into small canyon.
80.58	Wash, 12 lks. wide, 4 ft. deep, drains W.; ascend 25 ft. over steep S. slope onto rolling terrain.
95.23	The closing cor. of secs. 2 and 3, on the N. bdy. of the township. Land, rolling. Soil, sandy. Timber, pinon and juniper. Undergrowth, bunch grass.
	Beginning at the cor. of secs. 15, 16, 21, and 22. S. 89° 57' W., between secs. 16 and 21. Over rolling bench land.
11.00	Wash, 5 lks. wide, 2 ft. deep, drains N.
15.50	Rut road, bears N. 45° E. and S. 45° W.
31.30	Rim of bench, bears N. 20° W. and S. 20° E.; descend 115 ft. over a steep SW. slope.
40.00	Point for the ¼ cor. of secs. 16 and 21. <div style="text-align: center;">S16 ¼ S21 1954</div>
	Set an iron post; 30 ins. long; 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	Raise a mound of stone, 3 ft. base, 2 ft. high N. of cor. post.
	Continue over nearly level land.
40.40	Wash, 5 lks. wide, 1 ft. deep, drains S. 45° W.
57.40	Wash, 10 lks. wide, 2 ft. deep, drains S. 10° W.

225

Portion of the Subdivision, T. 34 N., R. 13 E.

Chains

angle 13

58.35 Wash, 10 lks. wide, 2 ft. deep, drains S. 40° W.

59.40 Wash, 10 lks. wide, 1 ft. deep, drains S. 45° W.

64.55 Rut road, bears S. 45° W. and N. 45° E.

80.00 Point for the cor. of secs. 16, 17, 20, and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T16SR13E

S17 | S16

S20 | S21

1954

Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of cor. post.

Land, rolling bench terrain.

Soil, sandy clay.

Timber, none.

Undergrowth, bunch grass and greasewood.

N. 0° 03' W., between secs. 16 and 17.

Over rolling land.

34.90 Dim rut road, bears E. and W.

40.00 Point for the ¼ cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

¼

S17 | S16

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. post.

Continue over rolling terrain.

50.70 Wash, 20 lks. wide, 8 ft. deep, drains S. 40° W.

68.20 Rut road, bears S. 40° W. and N. 40° E.; ascend 20 ft. over a SW. slope.

71.75 Top of small clay spur, projects S. 45° E., 3 chs. distant to end; descend 20 ft. over NE. slope.

80.00 Point for the cor. of secs. 8, 9, 16, and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T16SR13E

88 | 89

S17 | S16

1954

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. post.

Portion of the Subdivision, T. 18 S., R. 13 E.

Chains

Land, rolling.  
Soil, sandy.  
Timber, none.  
Undergrowth, bunch grass and greasewood.

Beginning at the cor. of secs. 9, 10, 15, and 16.

S. 89° 59' W., between secs. 9 and 16.

Over rolling land.

1.60 Rut road, bears N. 85° E. and S. 85° W.

22.00 Telephone line, bears N. 20° W. and S. 20° E.

27.30 U. S. Highway 50, two-lane, asphalt surface, bears N. 20° W. and S. 20° E.

38.90 Wash, 5 lks. wide, 2 ft. deep, drains S. 45° W.

39.95 Point for the  $\frac{1}{4}$  cor. of secs. 9 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

S9  
 $\frac{1}{4}$  ———  
S16  
1954

Raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, N. of cor. post.

Continue over rolling land.

43.40 Ascend 25 ft. over E. slope.

48.45 Top of knoll; descend 30 ft. over W. slope.

73.10 Rut road, bears S. 50° W. and N. 50° E.

79.91 The cor. of secs. 8, 9, 16, and 17.

Land, rolling.  
Soil, sandy.  
Timber, none.  
Undergrowth, bunch grass.

Beginning at the cor. of secs. 32 and 33, on the S. bdy. of the township.

N. 0° 03' W., between secs. 32 and 33.

Over rolling partially broken land.

9.50 Wash, 5 lks. wide, 3 ft. deep, drains W.

26.25 Wash, 10 lks. wide, 2 ft. deep, drains S. 40° W.

33.50 Base of cliff; ascend 80 ft. over face of cliff.

36.30 Top of cliff, bears E. and W., continue over rolling terrain.

Chains	
40.00	<p>Point for the <math>\frac{1}{4}</math> cor. of secs. 32 and 33.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"><math>\frac{1}{4}</math></p> <p style="text-align: center;">S32   S33</p> <p style="text-align: center;">1954</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. post</p> <p>Continue over partially broken land; descend 20 ft. over general N. slope.</p>
55.00	Base of spur; ascend 60 ft. over S. slope.
57.50	Top of spur, projects W. 5 chs.; descend 80 ft. over N. slope.
62.90	Base of spur; descend 40 ft. over gradual NW. slope.
74.40	Ascend 50 ft. over steep SW. slope.
78.80	Ridge of spur, projects N. $40^{\circ}$ W.; abruptly descend 25 ft. over steep N. slope.
80.00	<p>Point for the cor. of secs. 28, 29, 32, and 33, on a steep N. slope. Slope continues North for 2 chs. and at base is large wash, 60 lks. wide, 8 ft. deep, drains N. <math>75^{\circ}</math> W.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, and in a large niche out into side of slope, with brass cap mkd.</p> <p style="text-align: center;">T16SR13E S29   S28 S32   S33</p> <p style="text-align: center;">1954</p> <p>Raise a mound of stone, 4 ft. base, <math>2\frac{1}{2}</math> ft. high, W. of cor. post</p> <p>Land, partially broken.</p> <p>Soil, sandy.</p> <p>Timber, very scattered pinon and juniper.</p> <p>Undergrowth, bunch grass.</p>
	<p>Beginning at the cor. of secs. 31 and 32, on the S. bdy. of the township.</p> <p>N. <math>0^{\circ} 03'</math> W., between secs. 31 and 32.</p> <p>Over broken terrain.</p>
1.45	Wash, 20 lks. wide, 3 ft. deep, drains S. $30^{\circ}$ E.; ascend 145 ft. over SW. slope.
12.50	Top ridge, bears N. $65^{\circ}$ W. and S. $65^{\circ}$ E.; descend 25 ft. over N. slope.
18.10	Base of descent; ascend 75 ft. over general SW. slope.
33.55	Top of hill; descend 60 ft. over rocky N. slope.

Portion of the Subdivision, T. 16 S., R. 13 E.

Chains

40.00

Point for the  $\frac{1}{4}$  cor. of secs. 31 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

$\frac{1}{4}$

S31 | S32

1954

Continue over broken terrain; ascend 60 ft. over general SE. slope.

52.85

Rim of bench, bears N.  $35^{\circ}$  E. and S.  $35^{\circ}$  W.; descend 30 ft. over gradual N. slope of bench.

68.80

Rim of bench, bears N.  $45^{\circ}$  W. and S.  $45^{\circ}$  E.; descend 165 ft. over broken rocky NE. slope.

80.00

The cor. of secs. 29, 30, 31, and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diam., 22 ins. in the ground, with brass cap mkd.

T16SR13E

S30 | S29

S31 | S32

1954

Raise a mound of stone, 4 ft. base,  $2\frac{1}{2}$  ft. high, N. of cor. post.

Land, broken.

Soil, sandy and rocky.

Timber, scattered pinon and juniper.

Undergrowth, bunch grass and desert sage.

Beginning at the cor. of secs. 28, 29, 32, and 33.

S.  $89^{\circ} 59'$  W., between secs. 29 and 32.

Over broken terrain, across a N. slope.

0.40

Ridge of spur, projects N.  $45^{\circ}$  E.; descend 95 ft. over steep SW. to W. slope.

8.80

Wash, 15 lks. wide, 8 ft. deep, drains S.  $10^{\circ}$  W.; descend 10 ft. over gradual SW. slope.

14.70

East bank of Grassy Trail Creek, 4 ft. high, bears S.  $45^{\circ}$  E. and N.  $40^{\circ}$  W.

18.65

Middle of Grassy Trail Creek, drains S.  $40^{\circ}$  E.

20.90

West bank of Grassy Trail Creek, 8 ft. high, bears S.  $30^{\circ}$  E. and N.  $30^{\circ}$  W.; ascend 25 ft. over E. slope.

23.65

Change of slope; ascend 110 ft. over rocky SE. slope.

32.70

Rim of bench, bears S.  $20^{\circ}$  W. and N.  $10^{\circ}$  E.; ascend 10 ft. over gradual E. slope through scattered timber.

39.985

Point for the  $\frac{1}{4}$  cor. of secs. 29 and 32.

## Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

829  
 $\frac{1}{4}$  ———  
 832  
 1954

Continue over broken land, through scattered timber; ascend 40 ft. over general NE. slope.

61.05

Rim of bench, bears S. 30° E. and N. 20° W.; descend 155 ft. over rocky broken SW. slope.

72.85

Wash, 25 lks. wide, 5 ft. deep, drains S. 45° E.; ascend 85 ft. over rocky NE. slope.

79.97

The cor. of secs. 29, 30, 31, and 32.

Land, broken.

Soil, sandy and rocky.

Timber, scattered pinon and juniper.

Undergrowth, bunch grass and desert sage.

## General Description

The character of the land contained within this township consists chiefly of rolling, blue clay plains. Along the east boundary there are elevated benches which extend west from the adjacent Book Cliffs. These benches are of a soft blue shale formation, capped with a very hard, thin sandstone strata. Where the overlying sandstone has worn away, very deep and precipitous canyons have been cut into the soft shale.

The principal drainage, Grassy Trail Creek, enters the township on the west boundary of sec. 19, flows southeasterly, departing on the south boundary of sec. 32. The remainder of the township drains in a southwesterly direction towards Grassy Trail Creek.

U. S. Highway 50 enters the township on the north boundary of sec. 5, travels diagonally, leaving on the south boundary of sec. 36. Several improved dirt roads running lateral to this highway give access to all parts of the township.

The Denver and Rio Grande Railroad enters the west boundary of sec. 19, travels southeast and leaves the township on the south boundary of sec. 33. The railway is serviced by a siding station named "Cedar", which is located 5 chs. west of the cor. of secs. 27, 28, 33, and 34. Cedar is composed of three houses, a tool shed, and a small water reservoir. The storage water is brought in by underground pipe from Big Spring Ranch, which is approximately 12 miles north.

The soil of the township varies from sandy clay to clay. Along the creek and the wash bottoms there is a fair growth of desert sage and grass. There are large areas of barren blue clay flats. The elevated bench terrain supports a heavy growth of juniper and pinon trees.

## Portion of the Subdivision, T. 16 S., R. 13 E.

Chains

The only perennial source of surface water found within this township was Grassy Trail Creek. Its flow of water is reduced to a trickle during the dry season. The water has a very high alkaline content and is good only for the watering of sheep and cattle.

There were no indications of minerals, coal, or oil noted within the township during the execution of this survey.

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**Page**



## FIELD ASSISTANTS

10-58595-2

# CERTIFICATE OF CADASTRAL ENGINEER

I, Kenneth F. Hansen, ~~hereby~~ <sup>do hereby</sup> CERTIFY upon honor  
pursuance of special instructions bearing date of the 12th day of April

I have surveyed portions of the subdivision of T. 16 S., R. 13 E. and dependently  
resurveyed the 3rd Standard Parallel South through R. 13 E., the north boundary  
of T. 17 S., R. 13 E., and the west boundary of T. 16 S., R. 14 E.

of the \_\_\_\_\_ Meridian, in the State of \_\_\_\_\_; which  
represented in the foregoing field notes as having been executed by me and under my direction; and  
said survey has been made in strict conformity with said instructions, the Manual of Instructions for  
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing  
field notes.

February 19, 1955

Salt Lake City, Utah

*Kenneth F. Hansen*

Cartographer-Cadastral

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., APR 25 1955, 19

The foregoing field notes of the survey of portions of the subdivision of T. 16 S., R.  
and dependently resurveyed the 3rd Standard Parallel South through R. 13 E., the  
north boundary of T. 17 S., R. 13 E., and the west boundary of T. 16 S., R. 14 E.

executed by Kenneth F. Hansen

having been critically examined and found correct, are hereby approved.

*Garly G. Harrington*  
Chief, Division of Cadastral Engineering  
Cadastral Engineering Staff Officer

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_  
\_\_\_\_\_, is a true copy of the original field notes.

*Chief, Division of Cadastral Engineering*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE  
BUREAU OF LAND MANAGEMENT  
D

## FIELD NOTES

DEPENDENT RESURVEY OF

PORTION OF THIRD STANDARD PARALLEL SOUTH, OR SOUTH BOUNDARY OF  
T. 15 S., R. 14 E., AND OF PORTION OF SUBDIVISION, AND

THE SURVEY OF

THE SUBDIVISION OF SECTIONS 3, 4, 9, AND 10, AND

THE GENEVA NORTH AND SOUTH COAL MINES,

IN

T. 16 S., R. 14 E.

Of the Salt Lake Meridian,

the State of Utah.

## EXECUTED BY

alph Gentry, Cadastral Engineer, Elliot Bird, Associate Cadastral  
Engineer, and Wilson McConkie, Andrew Nelson, and Robert C. Yundt,  
Assistant Cadastral Engineers

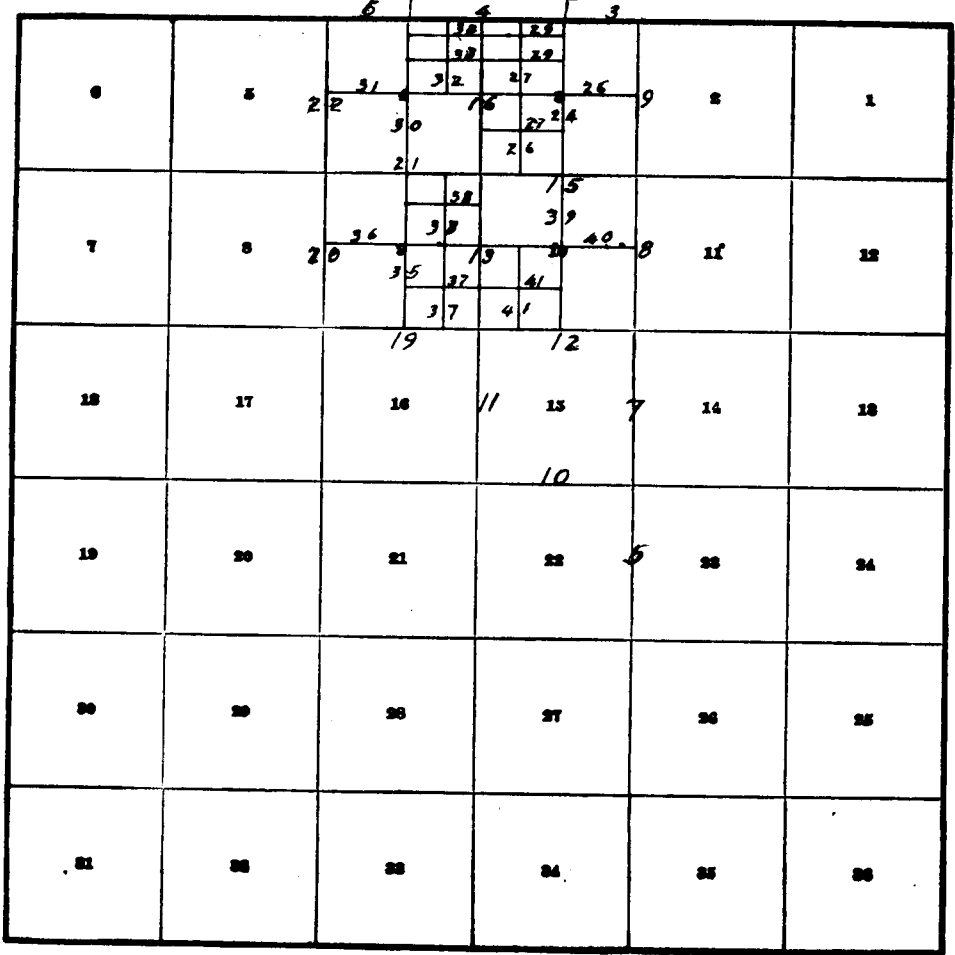
Under special instructions dated August 9, 1941, which provided  
for the surveys included under Group No. 326, bearing the approval of the  
Commissioner of the General Land Office under date of August 29, 1941  
and assignment instructions dated October 13, 1941, and supplemental  
assignment instructions dated October 25, 1941, and September 4, 1943.

Survey commenced October 17, 1941

Survey completed October 11, 1943

INDEX DIAGRAM.

Township 16 South, Range 14 East



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Geneva North Coal Mine, page 42  
Geneva South Coal Mine, page 45

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DEPENDENT RESURVEY OF PORTION OF T. 16 S., R. 14 E.,  
SALT LAKE MERIDIAN.

**Chains**

The official survey of T. 16S., R. 14 E., Salt Lake Meridian, is shown upon the township plat approved July 20, 1905. The following field notes are those of a dependent resurvey or reestablishment of a portion of the Third Standard Parallel South, or south boundary of T. 15 S., R. 14 E., a portion of the subdivisional lines, and the subdivision of sections 3, 4, 9, and 10 of T. 16 S., R. 14 E.

Before reconstructing or restoring the corners, the lines of the original survey were retraced, and search was made for evidence of the original corner monuments and other calls of the field notes. When duly identified or restored, the corner positions were remonumented.

The rules of proportionate measurement were applied in order to ascertain the position of each lost corner, after completing the necessary retracements to connect with the identified corner locations; but not until exhausting every reasonable possibility of finding direct evidence for the control of each particular corner.

The retracement data were submitted for office examination and verification prior to the conclusion of the field work. In order to simplify the record, the true line notes only are supplied here, which refer to the completed resurvey.

Survey was commenced October 17, 1941, and executed with W. & L. E. Gurley solar transits Nos. 371614 and 262684, and Buff and Buff transit No. 9797, used by Ralph Gentry, Associate Cadastral Engineer, Wilson McConkie and Robert C. Yundt, Assistant Cadastral Engineers, respectively. The survey was discontinued Nov. 14, 1941.

Survey was resumed September 10, 1943, and executed with Buff and Buff solar transits Nos. 9978, 18003, 16726, and 9797, used by Ralph Gentry, Cadastral Engineer, Elliot Bird, Associate Cadastral Engineer, Andrew Nelson and Robert C. Yundt, Assistant Cadastral Engineers, respectively.

The instruments are constructed in accordance with the standard specifications of the General Land Office, and are equipped with Smith solar attachments and full vertical circles; the horizontal limbs are provided with two double verniers placed opposite to each other, and read to single minutes of arc, which is also the least count of the verniers of the vertical circles, and of the latitude and declination arcs. The instruments were approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests. The instruments were in good condition during this survey, and frequently tested and found free from any appreciable error.

The directions of the lines were determined by angles deflected from controlling meridians established by observations made upon Polaris. The method of repetition was used, accumulating the horizontal angles. The angles were repeated four times with the telescope in direct and reversed positions. The lines were carried forward by taking the mean of direct and reversed sights at each instrument station.

The measurements were made with Lallie steel tapes, 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a Lufkin standard steel tape, tested by the Bureau of Standards. Spring balances

DEPENDENT RESURVEY OF PORTION OF T. 16 S., R. 14 E.,  
SALT LAKE MERIDIAN.

## Chains

were used in order to apply the proper pull on the tapes in making the measurements. The measurements were made on the slope, and the vertical angle of each interval was ascertained by the transit; the horizontal equivalents are entered in the field notes.

The approximate geographic position of the SE. corner of the township, as computed from U.S. Geological topographic sheet "Utah Wellington Quadrangle", is as follows:- latitude,  $39^{\circ} 23' N.$ , longitude  $110^{\circ} 17' W.$

Controlling meridians were established through the work by observations made upon Polaris as follows:-

October 17, 1941, at the  $\frac{1}{4}$  sec. cor., between secs. 8 and 9, approximate latitude  $39^{\circ} 27' N.$ , longitude  $110^{\circ} 21' W.$ , at 5h 53m. p.m., by my watch which carries correct 105th meridian time, as determined by radio signals, or 5h 31.6m p.m., l.m.t., I make an hour angle observation upon Polaris, east of the meridian, four each with the telescope in direct and reversed positions, reading the horizontal angle from Polaris, west to a well defined reference point about one mile to the north.

Mean deflection angle	$1^{\circ} 25'$
Azimuth of Polaris	$1^{\circ} 18'$
True bearing of reference point	$N. 0^{\circ} 07' W.$
Observe magnetic declination	$17^{\circ} 00' E.$

Nov. 3, 1941, at the standard  $\frac{1}{4}$  sec. cor., on S. bdy. of sec. 33, T. 15 S., R. 14 E., approximate latitude  $39^{\circ} 28' N.$ , longitude  $110^{\circ} 20' W.$ , at 2h 44m 20s p.m., by my watch, which carries correct 105th meridian time, or 2h 23m p.m., l.m.t., I make an hour angle observation upon Polaris, east of the meridian, four each with the telescope in direct and reversed positions, reading the horizontal deflection angle from Polaris, west to a well defined reference point about 1 mile to the north.

Mean deflection angle	$1^{\circ} 09.5'$
Azimuth of Polaris	$1^{\circ} 02.5'$
True bearing of reference point	$N. 0^{\circ} 07.0' W.$
Observe magnetic declination	$17^{\circ} 00' E.$

Sept. 16, 1943, at the  $\frac{1}{4}$  sec. cor. between secs. 3 and 4, approximate latitude  $39^{\circ} 28' N.$ , longitude  $110^{\circ} 20' W.$ , at 8h 09.2m a.m., by my watch, which carries correct 105th meridian time, or 7h 47.9m a.m., l.m.t., I make an hour angle observation upon Polaris, west of the meridian, four each with the telescope in direct and reversed positions, reading the horizontal deflection angle from Polaris, east to a well defined reference point about a half mile to the north.

Mean deflection angle	$1^{\circ} 18'$
Azimuth of Polaris	$1^{\circ} 18'$
True bearing of reference point	North

Sept. 25, 1943, at the cor. of secs. 10, 11, 14, and 15, approximate latitude  $39^{\circ} 26' N.$ , longitude  $110^{\circ} 19' W.$ , at 8h 55.1m a.m., by my watch, which carries correct 105th meridian time, or 8h 33.8m a.m., l.m.t., I make an hour angle observation upon Polaris, west of the meridian, four each with the telescope in direct and reversed positions, reading the horizontal deflection angle from Polaris, east to a well defined reference point about 50 chains to the north.

Mean deflection angle	$0^{\circ} 04'$
Azimuth of Polaris	$1^{\circ} 15'$
True bearing of reference point	$N. 1^{\circ} 11' W.$
Observe magnetic declination	$17^{\circ} 00' E.$

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INDEPENDENT RESURVEY OF PORTION OF THIRD STAN. PAR. S.;  
SOUTH BOUNDARY OF T. 15 S., R. 14 E.

Reestablishment of surveys executed by A. D. Ferron, Deputy Surveyor, in 1885, and resurveyed by Anderson and Ware, Deputy Surveyors, in 1899.

From the standard  $\frac{1}{4}$  sec. cor., on S. bdy. of sec. 34, which is a sandstone, 18x12x8 ins., firmly set, and marked SC  $\frac{1}{4}$  on N. face, and witnessed by a mound of stone to the N.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with original cor. monument deposited at base, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

SC  
 $\frac{1}{4}$  S 34.

1941

of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high N. of cor. raise a mound

Thence

West, along S. bdy. of sec. 34.

Descend along steep N. slope over mountainous land, through medium dense undergrowth.

15.00 Descend NW. slope.

234.00 Head of small draw, 200 ft. below stan.  $\frac{1}{4}$  sec. cor., course S. 60° W.; thence along S. slope, entering medium dense timber, and scattered undergrowth.

30.00 Point of rocky spur, slopes S. 60° W.; descend rocky W. slope.

39.78 On rocky W. slope, 270 ft. below spur.

The standard cor. of secs. 33 and 34, which is a sandstone, 24x12x6 ins., firmly set, and marked SC on N. face, and 3 grooves on E. and W. faces, from which

A juniper, 20 ins. diam., bears N. 48° 30' E., 23 lks. dist., marked T15SR14ES34BT.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with original cor. monument deposited at base, for standard cor. of secs. 33 and 34, with brass cap marked

SC  
T15S R14E  
S33 S34

1941

from which

A juniper, 10 ins. diam., bears N. 54° W., 72 lks. dist., marked T15SR14ES33SCBT.

Land, mountainous; steep slopes.

Soil, coarse sandy loam; rocky on W. portion; 2nd to 3rd rate.

Timber, medium dense juniper and pinon on W. portion.

Undergrowth, sagebrush, service berry and choke cherry.

Medium growth of weeds and grass. Fair grazing land.

DEPENDENT RESURVEY OF PORTION OF THIRD STANDARD PARALLEL  
SOUTH BOUNDARY OF T. 15 S., R. 14 E.

243

Chains	
	S. 89° 59' W., along S. bdy. of sec. 33.
	Descend rocky W. slope over mountainous land, through medium dense timber and scattered undergrowth.
5.75	Bottom of Horse Canyon, 120 ft. below stan. cor., course S.; ascend abrupt E. slope.
19.00	Rocky point, slopes NE.; ascend abrupt NE. slope.
27.00	Ledge, 30 ft. high, bears N. and S.; ascend E. slope.
40.77	On E. slope, 660 ft. above canyon.
	The standard $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 33, which is a sandstone, 30x10x5 ins., loosely set in mound of stone and marked SC $\frac{1}{4}$ on N. face, from which
	A pinon, 9 ins. diam., bears N. 16° 15' W., 40 lks. dist., marked SC $\frac{1}{4}$ S33BT.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a mound of stone to top, with original cor. monument deposited at base, for standard $\frac{1}{4}$ sec. cor., with brass cap marked
	SC $\frac{1}{4}$ S 33
	1941 from which
	A pinon, 6 ins. diam., bears N. 16° E., 49 lks. dist. marked $\frac{1}{4}$ S33SCBT.
	Thence
	S. 89° 59' W., along S. bdy. of sec. 33.
	Ascend E. slope over mountainous land, through medium dense timber, and scattered undergrowth.
24.00	Spur, 300 ft. above stan. $\frac{1}{4}$ sec. cor., projects S.; descend SW. slope.
33.20	Small draw, 90 ft. below spur, course SW.; ascend along steep S. slope.
40.41	On steep S. slope.
	The standard cor. of secs. 32 and 33, which is a sandstone 21x10x5 ins., firmly set, and marked SC on N., 4 groves on E., and 2 groves on W. face, from which
	A dead pinon, 8 ins. diam., bears N. 3° E., 38 lks. dist., marked T15SR14ES33BT.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with original cor. monument deposited at base, for standard cor. of secs. 32 and 33, with brass cap marked
	SC T15SR14ES33BT
	1943 from which



250

DEPENDENT RESURVEY OF PORTION OF THIRD STAN. PAR. S.;  
SOUTH BOUNDARY OF T. 15 S., R. 14 E.

Chains

A pinon, 6 ins. diam., bears N. 50° 30' E., 93 lks.  
dist., marked T15SR14ES33SCBT.

A pinon, 8 ins. diam., bears N. 60° W., 56 lks.  
dist., marked T15SR14ES32SCBT.

Land; mountainous; S. exposure.  
Soil, coarse sandy loam; rocky; 3rd rate.  
Timber, medium dense juniper and pinon.  
Undergrowth, scattered sagebrush, and service berry.  
Medium growth of weeds and grass. Fair grazing land.

N. 89° 59' W., along S. bdy. of sec. 32.

Ascend SE. slope over mountainous land, through medium  
dense timber and scattered undergrowth.

4.50 Rocky point of spur, 30 ft. above stan. sec. cor., slopes  
SW.; descend along an abrupt rocky S. slope, broken by  
sandstone ledges.

38.90 On steep SE. slope, 260 ft. below the standard sec. cor.,  
and 2.00 chs. E. of rocky point of spur.

At point for standard  $\frac{1}{4}$  sec. cor., established from bear-  
ing tree. No evidence of original cor. monument found.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

SC  
 $\frac{1}{4}$  S 32

1943

from which

A juniper, 12 ins. diam., bears N. 49° 30' W., 53 lks.  
dist., marked SC  $\frac{1}{4}$  S32 BT.

Raise a mound of stone, 3 ft. base, 3 ft. high N. of cor.

Land, mountainous; steep rocky slopes broken by ledges.  
Soil, coarse rocky sandy loam; 3rd to 4th rate.  
Timber, juniper and pinon.  
Undergrowth, medium growth of weeds and grass.  
Poor grazing land.

DEPENDENT RESURVEY OF  
PORTION OF SUBDIVISION OF T. 16 S., R. 14 E.

Reestablishment of surveys executed by James C.  
Dick, Deputy Surveyor, in 1905.

From the cor. of secs. 22, 23, 26, and 27, which is a  
sandstone, 18x14x5 ins., firmly set in the ground, and  
marked 2 notches on E. and S. edges, and witnessed by  
mound of stone to the W.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in  
the ground to solid rock and in mound of stone to top,  
with original cor. monument deposited at base, for cor.  
of secs. 22, 23, 26, and 27, with brass cap marked

Chains

S22 S23

T16S R14E

S22 S23

S27 S26

1943

from which

Face of ledge, 7x5x4 ft., bears S. 61° E., 20 lks.  
dist., marked X BOS26.

Thence

N. 0° 32' E., between secs. 22 and 23.

Ascend along rocky W. slope broken by small washes, over mountainous land, through scattered timber and undergrowth.

14.00 Top of ascent, 200 ft. above sec. cor., slopes W.; descend along broken W. slope.

32.00 Draw, 50 ft. below top of ascent, course SW.; ascend steep rocky S. slope.

40.07 Proportionate dist.; no evidence of  $\frac{1}{4}$  sec. cor. found.

Point for  $\frac{1}{4}$  sec. cor. falls on steep bank of small wash where it is impracticable to set cor. monument.

41.37 At base of ledge, bears E. and W., 170 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, and in mound of stone to top, for witness cor. to  $\frac{1}{4}$  sec. cor., with brass cap marked

WC

S22 S23

1943

from which

Face of ledge, 75 ft. high, bears N. 20° E., 10 lks.  
dist., marked X BOS23.

Ascend steep S. slope broken by sandstone ledges.

53.60 Rim of spur, 800 ft. above wit.  $\frac{1}{4}$  sec. cor.; projects N. 70° W.; descend over rolling NE. slope, entering dense timber.

63.70 Small draw, 75 ft. below rim of spur, course SE.; thence over rolling top of spur.

77.00 Rim of spur, projecting S. 60° W.; abrupt descent over N. slope, leaving timber.

80.15 On steep N. slope, 200 ft. below rim of spur.

The cor. of secs. 14, 15, 22, and 23, which is a sandstone 14x10x10 ins.; loosely set, and marked 2 notches on E., and 3 notches on S. edge.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with original cor. monument deposited at base, for cor. of secs. 14, 15, 22, and 23, with brass cap marked

T16S R14E

S22 S23

S27 S26

1943

from which

INDEPENDENT RESURVEY OF PORTION OF SUBDIVISION, T. 16S., R. 14 E.

N. face of sandstone boulder, 3x2x1 ft. above ground, bears S. 1° 45' E., 20 lks. dist., marked XBO.

A pinon, 6 ins. diam., bears S. 60° W., 40 lks. dist., marked S22BT.

A pinon, 7 ins. diam., bears N. 86° 30' W., 65 lks. dist., marked S15BT.

Land, mountainous; steep rocky slopes on portion of mile. Soil, coarse rocky sandy loam; 3rd to 4th rate. Timber, juniper and pinon. Undergrowth, scattered sagebrush. Medium growth of weeds and grass. Poor grazing land.

N. 0° 32' E., between secs. 14 and 15.

Descend steep N. slope over mountainous land, through scattered timber and undergrowth:

6.00 Draw, 90 ft. below sec. cor., course W.; ascend.

9.00 Top of ascent, slopes SW.; descend.

10.40 Small draw, course SW.; ascend steep rocky S. slope.

20.00 Rim of draw, 380 ft. above draw, bears NE. and SW.; ascend over SE. slope, entering medium dense timber.

39.60 Shallow draw, course S. 30° E.; ascend S. slope.

40.08 Proportionate dist.; no evidence of  $\frac{1}{4}$  sec. cor. found.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S15 | S14

1943

from which

A pinon, 14 ins. diam., bears S. 76° E., 84 lks. dist., marked  $\frac{1}{4}$ S14BT.

A pinon, 16 ins. diam., bears N. 47° W., 12 lks. dist., marked  $\frac{1}{4}$ S15BT.

Cor. stands on rolling S. slope 40 ft. above rim.

70.00 Point of spur, 490 ft. above  $\frac{1}{4}$  sec. cor., slopes W.; descend NW. slope.

80.16 On NW. slope, 100 ft. below point of spur.

The cor. of secs. 10, 11, 14, and 15, which is a sandstone, 18x10x6 ins., loosely set, and marked 2 notches on E., and 4 notches on S. edge.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, and in mound of stone to top, with original cor. monument deposited at base, for cor. of secs. 10, 11, 14, and 15, with brass cap marked

Chains

2114.10

T16S	R14E
S10	S11
S15	S14

1943

from which

A Douglas fir, 10 ins. diam., bears N.  $74^{\circ} 45'$  E., 2 lks. dist., marked T16SR14ES11BT.

A Douglas fir, 12 ins. diam., bears S.  $26^{\circ}$  E., 39 lks. dist., marked T16SR14ES14BT.

A pinon, 6 ins. diam., bears S.  $37^{\circ} 45'$  W., 18 lks. dist., marked T16SR14ES15BT.

A Douglas fir, 10 ins. diam., bears N.  $13^{\circ} 15'$  W., 7 lks. dist., marked T16SR14ES10BT.

Land, mountainous; SW. exposure.

Soil, coarse rocky sandy loam; 2nd rate.

Timber, juniper and pinon; a few scattered Douglas Fir around the sec. cor.

Undergrowth, scattered sagebrush; medium growth of weed and grass. Fair grazing land.

N.  $0^{\circ} 15'$  E., between secs. 10 and 11.

Descend steep NW. slope over mountainous land, through medium dense timber, and scattered undergrowth.

25.00 Canyon, 420 ft. below sec. cor., course SW.; ascend steep rocky S. slope broken by ledges.

27.50 Trail, bears E. and W.

40.07 Proportionate dist.; on steep S. slope, 330 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S10	S11
-----	-----

1943

from which

A pinon, 10 ins. diam., bears S.  $72^{\circ}$  E., 52 lks. dist., marked  $\frac{1}{4}$ S11BT.

SE. face of sandstone boulder, 12x10x6 ft. above ground, bears N.  $33^{\circ} 30'$  W., 17 lks. dist., marked XBO.

48.25 No evidence of witness cor. to  $\frac{1}{4}$  sec. cor. found.

56.50 Spur, 610 ft. above  $\frac{1}{4}$  sec. cor., projects W.; descend steep NW. slope.

72.80 Draw, 330 ft. below spur, course S.  $65^{\circ}$  W.; ascend rocky SE. slope.

79.00 Rim and top of ledge, 50 ft. high, bears E. and W.; ascend gentle SE. slope.

80.14 The cor. of secs. 2, 3, 10, and 11, which is a sandstone,

INDEPENDENT RESURVEY OF PORTION OF SUBDIVISION, T. 16S., R. 14 E.

Obains	12x10x2 ins., loosely set in ground, and dimly marked 5 notches on S.; and 2 notches on E. edge, from which
	A juniper, 8 ins. diam., bears N. 79° E., 43 lks. dist., marked T16SR14ES2BT.
	A dead juniper, 10 ins. diam., bears S. 49° E., 40 lks. dist., marked T16SR14ES11BT.
	A pinon, 14 ins. diam., bears S. 1° 30' W., 40 lks. dist., marked T16SR14ES10BT.
	A pinon, 10 ins. diam., bears N. 52° W., 4 lks. dist., marked T16SR14ES3BT.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bedrock, and in mound of stone to top, with original cor. monument deposited at base, for cor. of secs. 2, 3, 10, and 11, with brass cap marked
	<div>T16SR14E S 3   S 2 S10   S11 1941</div> from which
	A juniper, 16 ins. diam., bears S. 31° E., 30 lks. dist., marked T16SR14ES11BT.
	Land, mountainous; steep slopes.
	Soil; coarse rocky sandy loam; 2nd to 3rd rate.
	Timber, juniper and pinon, and a few Douglas fir.
	Undergrowth, scattered sagebrush and mahogany; medium growth of weeds and grass. Fair grazing land.
	N. 0° 31' E., between secs. 2 and 3.
	Ascend SW. slope, over mountainous land, through medium dense juniper and pinon timber, and scattered undergrowth.
10.50	Rocky ridge, 220 ft. above sec. cor., bears E. and W.; descend abrupt N. slope, leaving juniper and pinon, and enter dense fir timber.
36.00	Leave timber, bears E. and W.
39.00	Small draw, course N. 20° W.; thence along W. slope.
39.67	Proportionate dist., on N. side of small draw, 1170 ft. below ridge. No evidence of 1/4 sec. cor. found.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked
	<div>S3   S2 1941</div> from which
	A juniper, 8 ins. diam., bears S. 23° W., 95 lks. dist., marked S3BT.
	Raise a mound of stone, 3 ft. base, 2 1/2 ft. base, W. of cor.
46.00	Descend N. slope.
64.50	Trail along S. side of canyon, bears E. and W.

Chains

- 67.20 Canyon, 310 ft. below  $\frac{1}{4}$  sec. cor., course W.; ascend rocky S. slope, entering medium dense juniper and pinon.
- 89.50 Rocky spur, 430 ft. above canyon, projects W.; descend steep N. slope, leaving timber.
- 93.25 On N. slope, 270 ft. below ridge.

The closing cor. of secs. 2 and 3, which is a sandstone, 16x14x6 ins., loosely set in mound of stone, and marked 4 grooves on W., 2 notches on E. edge, and CC on N. and S. faces.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with original cor. monument deposited at base for closing cor. of secs. 2 and 3, with brass cap marked

T15SR14E  
S34  
S 3 | S 2  
T16S | R14E  
CC  
1941

raise a mound of stone, 3 ft. base, 3 ft. high, S. of cor.

From this closing cor., the standard  $\frac{1}{4}$  sec. cor. on S. Edy. of sec. 34, T. 15 S., R. 14 E., bears E., 1.05 chs. dist.

Land, mountainous; steep slopes.  
Soil, coarse rocky sandy loam; 3rd to 4th rate.  
Timber, juniper, pinon, and Douglas fir.  
Undergrowth, scattered sagebrush service berry, and choke cherry. Medium growth of weeds and grass.  
Fair grazing land.

From the cor. of secs. 14, 15, 22, and 23.

S.  $89^{\circ} 46'$  W., between secs. 15 and 22.

Along steep N. slope, over mountainous land, through scattered timber and undergrowth.

- 6.00 Rocky point, slopes N.; descent abrupt rocky NW. slope.
- 18.20 Small draw, course N.  $20^{\circ}$  W., thence along rocky N. slope.
- 33.00 Top of ledge, 125 ft. high, bears S., and NE.; abrupt descent over rocky NW. slope.
- 41.31 At foot of abrupt descent, 825 ft. below sec. cor., bears NE. and SW.

The  $\frac{1}{4}$  sec. cor., which is a sandstone, 22x14x8 ins., firmly set in the ground and mound of stone, and marked  $\frac{1}{4}$  on N. face.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with original cor. monument deposited at base, for  $\frac{1}{4}$  sec. cor., with brass cap marked

DEPENDENT RESURVEY OF PORTION OF SUBDIVISION, T. 16 S., R. 14 E.

Chains

ent of . . . S. 15  
of . . . S. 22  
1941 from which  
A juniper, 6 ins. diam., bears S. 74° 45' E., 29 lks.  
dist., marked  $\frac{1}{4}$  S22BT.  
A juniper, 6 ins. diam., bears N. 47° 15' W., 30 lks.  
dist., marked  $\frac{1}{4}$  S15BT.  
Thence  
S. 89° 53' W., between secs. 15 and 22.  
Descend over rocky NW. slope.  
14.75 Wash, 1 chain wide, 12 ft. deep, 140 ft. below  $\frac{1}{4}$  sec. cor.  
course SW.; thence over rolling land.  
26.00 Foot of low spur, bears NE. and SW.; ascend SE. slope.  
32.50 Top of spur, 90 ft. high, projects SW.; descend NW. slope.  
37.50 Foot of spur, bears NE. and SW.; thence over rolling land.  
38.50 Old road, bears NE. and SW.  
39.65 The cor. of secs. 15, 16, 21, and 22, which is a sandstone,  
20x10x8 ins., firmly set in the ground and small mound of  
stone, and marked 3 notches on S. and E. edges.  
At point for cor.  
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, with original cor. monument deposited at base,  
for cor. of secs. 15, 16, 21, and 22, with brass cap  
marked  

T16S	R14E
S16	S15
S21	S22

  
1941  
raise a mound  
of stone, 3 ft. base, 3 ft. high, W. of cor.  
Land, mountainous; steep rocky slopes on E. half mile.  
Soil, coarse rocky sandy loam; 3rd rate.  
Timber, scattered juniper and pinon.  
Undergrowth, scattered sagebrush, shadscale, and yellow  
top. Medium growth of weeds and grass. Fair grazing land.  
N. 0° 13' E., between secs. 15 and 16.  
Over rolling land, through scattered timber, and scattered  
undergrowth.  
18.80 Wash, 1 chain wide, 8 ft. deep, course SW.; ascend rocky  
SW. slope.  
39.89 On rocky SW. slope, 160 ft. above sec. cor.  
The  $\frac{1}{4}$  sec. cor., which is a sandstone, 20x10x4 ins.,  
loosely set in mound of stone, and marked  $\frac{1}{4}$  on W. face.  
At point for cor.

Chains

and 40

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with original cor. monument deposited at base, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S16 | S15

1941

from which

A pinon, 14 ins. diam., bears N.  $75^{\circ} 45'$  E., 10 lks. dist., marked  $\frac{1}{4}$ S15BT.

A juniper, 8 ins. diam., bears S.  $45^{\circ} 45'$  W., 65 lks. dist., marked  $\frac{1}{4}$ S16BT.

Thence

N.  $0^{\circ} 53'$  E., between secs. 15 and 16:

Ascend over steep rocky SW. slope.

10.00 Ascend steep rocky S. slope broken by ledges.

31.00 Top of abrupt ascent and ledge, 100 ft. high, bears NW., and SE.; 1140 ft. above  $\frac{1}{4}$  sec. cor.; ascend rocky SW. slope through medium dense timber.

40.29 On rocky SW. slope, 220 ft. above ledge.

The cor. of secs. 9, 10, 15, and 16, which is a sandstone, 10x10x8 ins., loosely set in small mound of stone, and marked 4 notches on S., and 3 notches on E. edge.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to solid rock, and in mound of stone to top, with original cor. monument deposited at base, for cor. of secs. 9, 10, 15, and 16, with brass cap marked

T16S | R14E  
S 9 | S10  
S16 | S15

1943

from which

A juniper, 4 ins. diam., bears S.  $26^{\circ} 45'$  E., 22 lks. dist., marked BT.

A pinon, 4 ins. diam., bears S.  $70^{\circ} 30'$  W., 15 lks. dist., marked BT.

Land, rolling on portion of S. half mile, and mountainous with steep rocky slopes on N. half mile.

Soil, coarse rocky sandy loam; 3rd rate.

Timber, juniper and pinon.

Undergrowth, scattered sagebrush, shadscale, and yellow top. Medium growth of weeds and grass. Fair grazing land on S. half mile; poor grazing land on N. half mile.

03.31

From the cor. of secs. 10, 11, 14 and 15.

S.  $89^{\circ} 52'$  W., between secs. 10 and 15.

Descend steep NW. slope, broken by sandstone ledges,



# INDEPENDENT RESURVEY OF PORTION OF SUBDIVISION, T. 16S., R. 14 E.

Chains	
	through medium dense timber, and scattered undergrowth.
35.70	Bottom of canyon, 1350 ft. below sec. cor., course SW.; ascend steep E. slope broken by sandstone ledges.
40.46	Proportionate dist.; on steep E. slope, 760 ft. above canyon.
	No evidence of $\frac{1}{4}$ sec. cor. found.
	Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in sandstone surface rock, in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S\ 10 \\ S\ 15 \end{array}$
	1943 from which
	A sandstone boulder in place, 4x2x1 ft., bears N. 32° 35' W., 56 lks. dist., marked XBO.
	Continue ascent over steep E. slope broken by sandstone ledges.
50.50	Top of ledge, 50 ft. high, and rim of mountain, 470 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; thence over rolling mountain top.
60.69	Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in surface rock, in mound of stone to top, for W 1/16 sec. cor., with brass cap marked
	$\begin{array}{r} S\ 10 \\ W\ 1/16\ S\ 15 \end{array}$
	1943 from which
	A pinon, 30 ins. diam., bears N. 5° E., 68 lks. dist., marked W 1/16 S10BT.
	A pinon, 11 ins. diam., bears S. 23° 30' W., 46 lks. dist., marked W 1/16 S 15 BT.
70.40	Rim of mountain and ledge, 75 ft. high, bears NW. and SE.; descend over rocky SW. slope.
80.92	The cor. of secs. 9, 10, 15 and 16, 180 ft. below rim of mountain.
	Land, mountainous; steep broken slopes. Soil, coarse sandy rocky loam; 3rd rate. Timber, juniper and pinon. Undergrowth, scattered sagebrush; medium growth of weeds and grass. Poor grazing land.
	N. 1° 23' W., between secs. 9 and 10.
	Ascend rocky SW. slope over mountainous land, through dense timber and scattered undergrowth.
5.75	Rim of mountain and top of ledge, 30 ft. high, 230 ft. above sec. cor., bears N. 60° W., and S. 60° E.; thence over rolling top.
17.00	Rim of mountain and top of ledge, 20 ft. high, bears NE. and SW.; descend over rocky N. slope.



# DEPENDENT RESURVEY OF PORTION OF SUBDIVISION, T. 16 S., R. 14 E.

## Chains

A juniper, 6 ins. diam., bears S. 14° 30' W., 22 lks. dist., marked N 1/16' S9BT.

From this cor., the portal of coal mine, W. W. Murray, Jr. lease, bears S. 13° 10' W., 15.68 chs. dist.

24.00 Spur, 390 ft. above draw, projects W.; abrupt descent over N. slope.

38.50 Rocky draw, 530 ft. below spur, course W.; ascend rocky S. slope.

40.09 On rocky S. slope, 50 ft. above draw.

Proportionate dist.: no evidence of sec. cor. found.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9, and 10. with brass cap marked

T16S R14E

S 4	S 3
S 9	S 10

1941

from which

A pinon, 6 ins. diam., bears N. 62° 30' E., 143 lks. dist., marked T16SR14S3BT.

A sandstone boulder, 5x3x3 ft. above ground, bears S. 15° E., 36 lks., dist., marked X3C.

A sandstone boulder, 7x4x2 ft., above ground, bears S. 9° W., 25 lks. dist., marked X3C.

Raise a mound of stone, 4 ft. base, 3 ft. high W. of cor.

Land, mountainous: steep rocky slopes broken by ledges.

Soil, coarse sandy rock loam: 2nd to 4th rate.

Timber, juniper and pine.

Undergrowth, scattered sagebrush and service berry.

Medium growth of weeds and grass. Fair grazing land.

From the cor. of secs. 2, 3, 10, and 11.

N. 69° 52' E., between secs. 3 and 10.

Ascend gentle SE. slope over mountainous land, through medium dense timber and scattered undergrowth.

8.00 Spur, 40 ft. above sec. cor., projects S.; descend.

9.80 Top of sandstone ledge, 60 ft. high, bears N. 70° W., and S. 70° E.; descend over ledge and rocky SW. slope.

25.00 Foot of descent, 410 ft. below spur, drains S.; ascend over rocky SE. slope.

39.00 Ridge, 110 ft. above foot of descent, bears N., and SW.; descend W. slope.

39.72 On W. slope, 20 ft. below top of ridge.

The 1/2 sec. cor., which is a sandstone, 16x12x8 ins., loosely set in ground, and marked 1/2 on N. face, from which

## Chains

Dead limb of pinon, 10 ins. diam., bears N. 75° 30' W.  
20 lks. dist., marked  $\frac{1}{4}$ S3BT.

A dead pinon, 12 ins. diam., bears S. 20° 30' W., 88  
lks. dist., marked  $\frac{1}{4}$ S10BT.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, with original cor. monument deposited at base, for  
 $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{r} S \ 3 \\ S \ 10 \end{array}$$

1941

from which

A juniper, 10 ins. diam., bears N. 16° 30' E., 56 lks.  
dist., marked  $\frac{1}{4}$ S3BT.

A juniper, 10 ins. diam., bears S. 13° 30' E., 63 lks.  
dist., marked  $\frac{1}{4}$ S10BT.

Thence

N. 89° 59' W., between secs. 3 and 10.

Abrupt descent over W. to NW. slope.

10.75 Small draw, course S. 80° W.; descend along rocky SW.  
slope broken by small ledges.

20.645 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
ground to solid rock, and in mound of stone to top, for  
W.  $\frac{1}{16}$  sec. cor., with brass cap marked

$$W \ \frac{1}{16} \begin{array}{r} S \ 3 \\ S \ 10 \end{array}$$

1941

from which

A pinon, 5 ins. diam., bears N. 60° 50' E., 324 lks.  
dist., marked W  $\frac{1}{16}$  S3BT.

26.00 Enter scattered timber.

35.25 Top of sandstone ledge, 160 ft. high, bears NW. and SE.,  
abrupt descent.

41.20 The cor. of secs. 3, 4, 9, and 10, 1060 ft. below  $\frac{1}{4}$  sec.  
cor.

Land, mountainous; steep rocky slopes.

Soil, coarse sandy rocky loam; 3rd to 4th rate.

Timber, juniper and pinon.

Undergrowth, scattered sagebrush, service berry, and  
mahogany. Medium growth of weeds and grass.

Poor grazing land.

N. 1° 43' W., between secs. 3 and 4.

Ascend steep rocky S. slope broken by ledges, over  
mountainous land, through scattered timber, and undergrowth

5.40 Top of sandstone ledge, 100 ft. high, bears NW. and SE.

# DEPENDENT RESURVEY OF PORTION OF SUBDIVISION, T. 16 S., R. 14 E.

## Chains

33.59 Spur, 380 ft. above sec. cor., projects W.; abrupt descent over N. slope, entering medium dense timber.

16.70 Small draw, 350 ft. below spur, course NW.; thence along rocky W. slope.

20.045 On rocky W. slope on surface rock.

Set an iron post,  $2\frac{1}{2}$  ft. long, 1 in. diam., 6 ins. in concrete in hole drilled into surface rock, and in mound of stone to top, for S:  $1/16$  sec. cor.; with brass cap marked

S  $1/16$

S 4 | S 3

1941

from which

A pinon, 10 ins. diam., bears N.  $41^{\circ}$  E., 9 lks. dist., marked S  $1/16$  S<sub>3</sub>BT.

A pinon, 10 ins. diam., bears N.  $25^{\circ} 30'$  W., 30 lks. dist.; marked S  $1/16$  S<sub>4</sub>BT.

21.50 Top of ascent, 30 ft. above draw, slopes W.; descend steep NW. slope.

40.09 On steep N. slope, 750 ft. below spur.

The  $\frac{1}{4}$  sec. cor., which is a sandstone, 20x9x5 ins., firmly set in the ground, and marked  $\frac{1}{4}$  on W. face.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with original cor. monument deposited at base, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$

S 4 | S.3

1941

from which

A pinon, 12 ins. diam., bears S.  $59^{\circ} 45'$  E., 26 lks. dist., marked  $\frac{1}{4}$  S<sub>3</sub>BT..

A pinon, 6 ins. diam., bears S.  $58^{\circ} 30'$  W., 72 lks. dist., marked  $\frac{1}{4}$  S<sub>4</sub>BT.

Thence

N.  $1^{\circ} 26'$  E., between secs. 3 and 4.

Descend steep N. slope.

1.00 Bottom of Horse Canyon, 40 ft. below  $\frac{1}{4}$  sec. cor., course SW.; old road along canyon; ascend SE. slope.

11.00 Top of ascent, 150 ft. above canyon, slopes SE.; thence along E. slope.

16.50 Small draw, course SE.; ascend steep S. slope over ledges.

19.68 Proportionate dist.; on rocky S. slope, 410 ft. above canyon, and on ledge, 40 ft. high, bears E. and W.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

## DEPENDENT RESURVEY OF PORTION OF SUBDIVISION, T. 16 S., R. 15 E.,

Chains

the ground, for cor. of lots 5 and 12, sec. 3, and lots 8 and 9, sec. 4, with brass cap marked.

$$S4 \frac{8}{9} \frac{5}{12} S3$$

1941

from which

A pinon, 8 ins. diam., bears S. 70° 30' E., 28 lks. dist., marked 12S3BT.

A pinon, 15 ins. diam., bears N. 80° W., 9 lks. dist., marked 8S4BT.

Continue ascent over rocky S. slope.

37.00

Top of ascent, 1000 ft. above canyon, slopes SE.; thence along E. slope.

39.36

Proportionate dist.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 4 and 5, sec. 3, and lots 1 and 8, sec. 4, with brass cap marked

$$S4 \frac{1}{8} \frac{4}{5} S3$$

1941

from which

A pinon, 8 ins. diam., bears N. 16° 45' E., 32 lks. dist., marked 4S3BT.

A pinon, 12 ins. diam., bears S. 50° W., 32 lks. dist., marked 8S4BT.

53.17

The closing cor. of secs. 3 and 4, which is a sandstone, 20x16x3 ins., set in a mound of stone, and marked 3 notches on E., and W. edges, and CC on S. face, from which

A juniper, 8 ins. diam., bears S. 75° 15' E., 26 lks. dist., marked T16SR14ES3BT.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, to solid rock, and in mound of stone to top, with original cor. monument deposited at base, for closing cor. of secs. 3 and 4, with brass cap marked

T15SR14E

S 33

S 4 S 3

T16SR14E

.CC

1941

from which

A pinon, 10 ins. diam., bears S. 27° 45' W., 22 lks. dist., marked T16SR14ES4CCBT.

From this point, the standard 1/2 sec. cor., on S. bdy. sec. 33, bears N. 89° 52' E., 2.22 chs. dist.

Land, mountainous; steep rocky slopes broken by ledges.

Soil, coarse sandy rocky loam; 3rd rate.

Timber, juniper and pinon.

Undergrowth, scattered sagebrush; medium growth of weeds and grass. Fair grazing land.

# RESERVE OF PORTION OF SUBDIVISION, T. 16 S., R. 14 E.

Chains	
7.00	<p>Descend along rocky SW. slope over mountainous land, through medium dense timber, and scattered undergrowth.</p> <p>Top of ledge, 40 ft. below sec. 1 cor., bears NW. and SE.; abrupt descent over series of sandstone ledges; leave timber.</p>
20.215	<p>On steep rocky W. slope, 1000 ft. below sec. cor.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for E. 1/16 sec. cor., with brass cap marked</p> $\begin{array}{r} S 9 \\ E 1/16 \quad \frac{S 9}{S 16} \end{array}$ <p>1943</p> <p>raise a mound of stone, 3 ft. base, 3 ft. high S. of cor.</p> <p>Continue descent over rocky W. slope.</p>
31.50	<p>Wash, 30 lks. wide, 3 ft. deep, 250 ft. below 1/16 sec. cor., course N. 80° W.; descend gradually over W. slope broken by small washes and draws.</p>
36.20	<p>Recross wash, course S. 80° W.</p>
40.43	<p>Proportionate dist.; No evidence of 1/4 sec. cor. found.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, with a sandstone, 12x10x8 ins., marked with a cross (X) deposited at base, for 1/4 sec. cor., with brass cap marked</p> $\begin{array}{r} S 9 \\ \frac{1}{4} \quad \frac{S 9}{S 16} \end{array}$ <p>1943</p> <p>Continue gradual descent over W. slope broken by small washes.</p>
68.00	<p>Wash, 50 lks. wide, 4 ft. deep, course S.; ascend E. slope, clay formation cut by small washes.</p>
80.86	<p>On E. slope in clay formation; 100 ft. above wash.</p> <p>The cor. of secs. 8, 9, 16, and 17, which is a sandstone, 12x12x6 ins., firmly set, and marked 4 notches on E. and S. edges, and witnessed by small mound of stone.</p> <p>At point for cor.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with original cor. monument deposited at base, for cor. of secs. 8, 9, 16, and 17, with brass cap marked</p> $\begin{array}{r} T16S, R14E \\ S 8 \quad S 9 \\ S 17 \quad S 16 \end{array}$ <p>1941</p> <p>raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p>

## DEPENDENT RESURVEY OF PORTION OF SUBDIVISION, T. 14 S., R. 34 E.

Chains

entire

Land, mountainous; abrupt slopes broken by ledges on E. half mile.  
 Soil, coarse sandy and rocky loam; clay on W. portion; 3rd to 4th rate.  
 Timber, juniper and pinon on portion of mile.  
 Undergrowth, scattered sagebrush, shadscale and yellow top. Medium growth of weeds and grass. Fair grazing land on W. portion of mile.

N. 0° 01' W., between secs. 8 and 9.

Along E. slope of clay spur, through scattered undergrowth

22.80 Small draw, course SE.; ascend steep rocky SE. slope.

28.00 Rim of bench, 250 ft. above sec. cor., bears E. and W.; thence over rolling land, entering medium dense timber.

38.30 Unimproved road, bears E. to coal mine; and W.

40.24 The  $\frac{1}{4}$  sec. cor., which is a sandstone, 16x12x8 ins., firmly set in the ground and in mound of stone, and marked  $\frac{1}{4}$  on W. face, from which

A pinon, 6 ins. diam., bears N. 60° E., 45 lks. dist., marked  $\frac{1}{4}$ S9BT.

A pinon, 6 ins. diam., bears N. 7° 15' W., 34 lks. dist., marked  $\frac{1}{4}$ S8BT.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with original cor. monument deposited at base, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S 8 | S 9  
 1941

Thence

N. 0° 05' W., between secs. 8 and 9.

Over rolling land, through medium dense timber.

1.30 Old road, bears N. 75° E., and S. 75° W.

16.70 Wash, 30 lks. wide, 3 ft. deep, course SW.

27.25 Power transmission line, bears N. 64° 15' E., and S. 64° 15' W.

29.00 Main wash from Horse Canyon, 50 lks. wide, in draw, 50 ft. deep, course W., from N. 70° E.; ascend over rolling S. slope, leaving timber.

40.14 The cor. of secs. 4, 5, 8, and 9, which is a sandstone, 24x16x8 ins., firmly set in the ground and mound of stone, and marked 5 notches on S., and 4 notches on E. edge, from which

A juniper, 4 ins. diam., bears S. 75° 30' E., 44 lks. dist., marked T16SR14ES9BT.



# DEPENDENT RESURVEY OF PORTION OF SUBDIVISION, T. 16 S., R. 14 E.

Chains

A pinon, 8 ins. diam., bears S.  $54^{\circ} 30'$  W., 52 lks. dist., marked T16SR14ES8BT.

A pinon, 12 ins. diam., bears N.  $23^{\circ} 15'$  W., 25 lks. dist., marked T16SR14ES5BT.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with original cor. monument deposited at base, for cor. of secs. 4, 5, 8, and 9, with brass cap marked

T16S	R14E
S 5	S 4
S 8	S 9

1941

from which

A juniper, 6 ins. diam., bears N.  $39^{\circ} 30'$  E., 39 lks. dist., marked T16SR14ES4BT.

A juniper, 8 ins. diam., bears S.  $73^{\circ} 30'$  W., 39 lks. dist., marked T16SR14ES6BT.

A juniper, 4 ins. diam., bears N.  $75^{\circ} 30'$  W., 55 lks. dist., marked T16SR14ES5BT.

Land, rolling and broken hills; surface broken by small washes.

Soil, hard clay on S. portion, and gravel and rocky loam on N. portion; 3rd to 4th rate.

Timber, juniper and pinon on portion of mile.

Undergrowth, scattered sagebrush and shadscale; medium growth of weeds and grass. Fair grazing land.

From the cor. of secs. 3, 4, 9, and 10.

N.  $89^{\circ} 47'$  W., between secs. 4 and 9.

Descend rocky SW. slope broken by ledges, over mountainous land, through medium dense timber and scattered undergrowth

20.625 True point for E.  $1/16$  sec. cor. Point falls in bottom of draw, in water course, 350 ft. below sec. cor., course NW. It is impracticable to erect cor. monument at this point, therefore at a point

S.  $0^{\circ} 41'$  W., 15 lks. dist., from true position for cor., on N. and S. center line, NE.  $\frac{1}{4}$  sec. 9.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to E.  $1/16$  sec. cor., with brass cap marked

WC	
E $1/16$	S 4
	S 9

1941

from which

A pinon; 12 ins. diam., bears N.  $86^{\circ} 30'$  E., 69 lks. dist., marked WC E.  $1/16$  S9BT.

A juniper, 14 ins. diam., bears N.  $19^{\circ} 30'$  W., 38 lks. dist., marked WC E  $1/16$  S4BT.

A sandstone boulder, 8x7x4 ft., above ground, bears

## DEPENDENT RESURVEY OF PORTION OF SUBDIVISION, T. 16 S., R. 14 E.

Chains	
	N. 37° E., 19 lks. dist., marked XBO; A Ascend rocky NE. slope.
25.00	Top of ascent, 40 ft. above draw, slopes N.; descend rocky NW. slope.
39.00	Wash, 60 lks. wide, in Horse Canyon, 120 ft. below top of ascent, course S. 70° W., from NE.; old road along wash; ascend along rolling S. slope.
41.25	The $\frac{1}{4}$ sec. cor., which is a sandstone, 18x10x4 ins., firmly set in the ground and in mound of stone, and marked $\frac{1}{4}$ on N. face. No evidence of original bearing tree found.  At point for cor.  Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with original cor. monument deposited at base, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;"><math>\frac{1}{4}</math> <math>\frac{S\ 4}{S\ 9}</math></div> 1941 from which  A juniper, 8 ins. diam., bears S. 41° E., 39 lks. dist., marked $\frac{1}{4}$ S9BT.  A juniper, 6 ins. diam., bears N. 57° 45' W., 60 lks. dist., marked $\frac{1}{4}$ S4BT.  Cor. stands in bottom of canyon, on N. side of wash.  Thence  S. 89° 48' W., between secs. 4 and 9.
13.20	Power transmission line, bears N. 64° 15' E., and S. 64° 15' W.
22.00	Enter scattered timber.
39.94	The cor. of secs. 4, 5, 8, and 9.  Land, mountainous; rocky slopes on E. half mile. Soil, rocky sandy loam; 2nd to 3rd rate. Timber, juniper and pinon on portion of mile. Undergrowth, scattered sagebrush and shadscale; medium growth of weeds and grass. Fair grazing land.  N. 0° 11' W., between secs. 4 and 5.  Ascend S. slope over mountainous land, through scattered timber and undergrowth.
7.00	Low spur, 120 ft. above sec. cor., projects SW.; descend steep NW. slope.
10.50	Draw, 130 ft. below spur, course SW.; ascend rocky SW. slope.
19.99	On rocky SW. slope, 150 ft. above draw.  Set an iron post, 18 ins. long, 1 in. diam., 4 ins. in the ground, and 8 ins. in hole drilled in solid sandstone, for

# DEPENDENT RESURVEY OF PORTION OF SUBDIVISION, T. 16 S., R. 14 E.

## Chains

S. 1/16 sec. cor., with brass cap marked.

S 1/16

S 5 | S 4

1943

from which

A pinon, 4 ins. diam., bears S.  $44^{\circ}$  E., 73 lks. dist., marked S 1/16 S4BT.

A pinon, 4 ins. diam., bears S.  $52^{\circ} 45'$  W., 86 lks. dist., marked S 1/16 S5BT.

37.00 Top of ascent, 475 ft. above sec. cor., slopes W.; descend rocky NW. slope.

39.98 On rocky SW. slope, 20 ft. below top of ascent.

Point for  $\frac{1}{4}$  sec. cor., established from bearing tree.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 5 | S 4

1943

from which

original bearing tree

A pinon, 3 ins. diam., bears N.  $81^{\circ}$  W., 33 lks. dist., marked  $\frac{1}{4}$  S5BT.

Thence

N.  $1^{\circ} 59'$  E., between secs. 4 and 5.

Descend over steep rocky NW. slope.

41.50 Wash, 1 ch. wide, in draw, 475 ft. below  $\frac{1}{4}$  sec. cor., course W.; ascend steep rocky S. slope over ledges.

53.25 On SW. slope, on W. side of rocky point, 1150 ft. above draw.

The closing cor. of secs. 4 and 5, which is a sandstone, 18x10x8 ins., loosely set in mound of stone, and marked 4 grooves on E., and 2 grooves on W. sides, and CC on S. face.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with original cor. monument deposited at base, for closing cor. of secs. 4 and 5, with brass cap marked

T15SR14E

S32

S 5 | S 4  
T16S | R14E

CC

1943

from which

A pinon, 5 ins. diam., bears S.  $89^{\circ} 30'$  W., 56 lks. dist., marked S5CCBT.

From this point, the standard  $\frac{1}{4}$  sec. cor., on S. bdy. of

Chains		entled
	sec. 32, bears E., 25 chains dist. . . . . 1.2	
	Land, mountainous; steep rocky slopes broken by ledges. Soil, coarse sandy and rocky loam; 3rd to 4th rate. Timber, scattered juniper and pinon. Undergrowth, scattered sagebrush; medium growth of weed and grass. Poor grazing land.	
	SUBDIVISION OF SECTIONS, T. 16 S., R. 14 E.	
	SUBDIVISION OF SECTION 3.	
	From the $\frac{1}{4}$ sec. cor. between sec. 3 and 10.	
	N. $0^{\circ} 11' W.$ , on N. and S. center line, sec. 3.	
	Ascend along W. slope, over mountainous land, through medium dense juniper and pinon timber, and scattered undergrowth.	
3.00	Ascend steep rocky S. slope broken by ledges.	
10.50	Peak in ridge, 330 ft. above $\frac{1}{4}$ sec. cor., bears E. and W. abrupt descent over N. slope, entering fir timber, and mahogany brush.	
17.00	Enter scattered timber.	
19.93	On steep N. slope, 350 ft. below peak.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for center S. $1/16$ sec. cor., with brass cap marked	
	S $1/16$ S 3	
	1941 from which	
	A Douglas fir, 12 ins. diam., bears N. $60^{\circ} 30' E.$ , 137 lks. dist., marked CS $1/16$ S3BT.	
	A Douglas fir, 8 ins. diam., bears S. $26^{\circ} 15' W.$ , 119 lks. dist., marked CS $1/16$ S3BT.	
39.86	On steep NW. slope, 320 ft. below CS $1/16$ sec. cor.	
	Point of intersection with E. and W. center line.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for center $\frac{1}{4}$ sec. cor., with brass cap marked	
	C185	
	1941 from which	
	A juniper, 4 ins. diam., bears N. $13^{\circ} 15' E.$ , 49 lks. dist., marked C183BT.	
	A pinon, 7 ins. diam., bears N. $67^{\circ} W.$ , 36 lks. dist., marked C183BT.	
45.00	Spur, slopes N. $30^{\circ} W.$ ; descend steep N. slope.	

## SUBDIVISION OF SECTIONS, T. 16 S., R. 14 E.

## Chains

59.62

Proportionate dist.; on steep N. slope, 510 ft. below center  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground; and in mound of stone at top, for cor. of lots 6, 7, 10, and 11, sec. 3, with brass cap marked

$$\begin{array}{r} 6 \overline{) 7} \\ 11 \overline{) 10} \end{array}$$

1941

from which

A pinon, 6 ins. diam., bears N.  $84^{\circ}$  E., 111 lks. dist., marked 7S3BT.A pinon, 4 ins. diam., bears S.  $86^{\circ}$  W., 47 lks. dist., marked 11S3BT.

69.60

Canyon; 310 ft. below lot cor., course N.  $75^{\circ}$  W.; abrupt ascent over S. slope.

76.50

Top of ascent, 150 ft. above canyon, slopes W.; thence along W. slope, entering dense timber.

79.38

Proportionate dist.; on W. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 2, 3, 6, and 7, sec. 3, with brass cap marked.

$$\begin{array}{r} S3 \\ 3 \overline{) 2} \\ 6 \overline{) 7} \end{array}$$

1941

from which

A pinon, 4 ins. diam., bears S.  $58^{\circ}$  E., 29 lks. dist., marked 7S3BT.A pinon, 4 ins. diam., bears N.  $52^{\circ}$  W., 42 lks. dist., marked 3S3BT.

88.80

Small draw, course S.  $60^{\circ}$  W.

93.24

Intersect 3rd Stan. Par. S., at mid point on N. bdy. of, sec. 3.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., N. bdy. sec. 3, with brass cap marked

$$\frac{1}{4} \overline{) S3}$$

1941

from which

A pinon, 10 ins. diam., bears S.  $12^{\circ}$  E., 7 lks. dist., marked 4S3BT.A juniper, 14 ins. diam., bears S.  $40^{\circ} 15'$  W., 41 lks. dist., marked 4S3BT.From this point, the standard cor. of secs. 33 and 34, bears N.  $89^{\circ} 59'$  E., 2.13 chs. dist.

Land, mountainous; steep slopes.

Soil, coarse sandy and rocky loam; 2nd to 3rd rate.

Timber; juniper and pinon; Douglas fir on portion of S. half mile.

Undergrowth, scattered sagebrush, service berry, and mahogany; medium growth weeds and grass. Fair grazing land.

## SUBDIVISION OF SECTIONS, T201618, R2 14 E.

Chains		50.00
	From the $\frac{1}{4}$ sec. cor. between secs. 2 and 3, course N. 89° 42' W., on E. and W. center line, sec. 3.	
	Descend W. slope over mountainous land, through scattered timber and undergrowth.	
0.60	Small draw, course N. 30° W.; ascend along NE. to N. slope.	
36.00	Top of ascent, 220 ft. above $\frac{1}{4}$ sec. cor., slopes N.; descend over rocky NW. slope.	
40.21	Intersect the center $\frac{1}{4}$ sec. cor., sec. 3.	
54.50	Descend abrupt W. slope; broken by ledges.	
61.39	On steep rocky W. slope, 600 ft. below top of ascent.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for center W. $1/16$ sec. cor., with brass cap marked	
	$\begin{array}{c} \text{W } 1/16 \\ \text{C} \quad \text{S } 3 \quad \text{C} \\ 1941 \end{array}$	
	from which	
	A pinon, 6 ins. diam., bears S. 46° 45' E., 46 lks. dist., marked CW $1/16$ S3BT.	
	Face of sandstone ledge, 4 ft. high, bears N. 15° 30' E. 37 lks. dist., marked XBO	
63.00	Draw, 30 ft. below CW $1/16$ sec. cor., course N. 20° W.; ascend NE. slope.	
68.00	Top of ascent, 50 ft. above draw, slopes N.; descend along rocky NW. slope.	
82.57	The $\frac{1}{4}$ sec. cor., between secs. 3 and 4, 330 ft. below top of ascent.	
	Land, mountainous; steep slopes. Soil, coarse sandy and rocky loam; 3rd rate. Timber, scattered juniper and pinon. Undergrowth, scattered sagebrush, service berry, and chokeberry. Medium growth of weeds and grass. Fair grazing land.	
	From the W. $1/16$ sec. cor., between secs. 3 and 10.	
	N. 0° 57' W., on N. and S. center line, SW $\frac{1}{4}$ of sec. 3.	
	Ascend rocky SW. slope, over mountainous land, through medium dense timber, and scattered undergrowth.	
9.00	Spur, 260 ft. above $1/16$ sec. cor., projects W.; descend broken N. slope.	
19.98	Intersect E. and W. center line, SW $\frac{1}{4}$ sec. 3, on N. slope, 260 ft. below spur.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for SW $1/16$ sec. cor., sec. 3, with brass cap marked	

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SUBDIVISION OF SECTIONS, T. 16 S., R. 14 E.

Chains

qso board NW 1/4 sec. 3, SW 1/16 S3

1941

from which

A pinon, 5 ins. diam., bears S. 50° 15' E., 34 lks. dist., marked SW 1/16 S3BT.

A pinon, 5 ins. diam., bears N. 81° 15' W., 58 lks. dist., marked SW 1/16 S3BT.

Continue descent over NE. slope.

28.50 Top of sandstone ledge, 50 ft. high, bears E. and W.

35.80 Draw, 290 ft. below 1/16 sec. cor., course N. 10° W.; ascend along steep W. slope.

39.96 The center W. 1/16 sec. cor., sec. 3.

Land, mountainous; steep rocky slopes.

Soil, coarse rocky sandy loam; 3rd rate.

Timber, juniper and pinon.

Undergrowth, scattered sagebrush and service berry; medium growth of weeds and grass. Fair grazing land.

From the center S. 1/16 sec. cor., sec. 3.

N. 89° 51' W., on E. and W. center line, SW 1/4 sec. 3.

Descend over mountainous land, through medium dense timber, and scattered undergrowth.

49.00 Draw, 300 ft. below 1/16 sec. cor., course N. 30° W.; thence along N. slope.

50.91 Intersect the SW. 1/16 sec. cor., sec. 3.

Descend steep W. slope broken by ledges.

41.82 The S. 1/16 sec. cor., between secs. 3 and 4, 600 ft. below SW. 1/16 sec. cor.

Land, mountainous.

Soil, coarse rocky sandy loam; 3rd rate.

Timber, juniper and pinon.

Undergrowth, scattered sagebrush and service berry. Medium growth of weeds and grass. Fair grazing land.

From the center W. 1/16 sec. cor., sec. 3.

N. 0° 37' E., on N. and S. center line, NW 1/4 of sec. 3.

Descend over W. to NW. slope broken by ledges, over mountainous land, through scattered timber and undergrowth.

49.72 On rocky NW. slope, on S. side of Horse canyon, 450 ft. below 1/16 sec. cor.

Intersect E. and W. line, between lots 6 and 11, and lots 5 and 12.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for

Chains

miles

cor. of lots 5, 6, 11, and 12, sec. 3, with brass cap marked

S3

$$\begin{array}{r} 516 \\ 12 \overline{) 11} \end{array}$$

1941 from which

A juniper, 3 ins. diam., bears N.  $19^{\circ}$  E., 118 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S.  $74^{\circ} 45'$  W., 87 lks. dist., marked BT.

20.60 Trail along canyon, bears NE. and SW.

23.00 Horse Canyon, course SW.; ascend rocky SE. slope broken by ledges.

39.44 On rocky SE. slope, 310 ft. above canyon.

Intersect E. and W. line, between lots 3 and 6, and lots 4 and 5, sec. 3.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for cor. of lots 3, 4, 5, and 6, sec. 3, with brass cap marked

S3

$$\begin{array}{r} 413 \\ 5 \overline{) 16} \end{array}$$

1941 from which

A pinon, 8 ins. diam., bears N.  $54^{\circ} 45'$  E., 51 lks. dist., marked 3S3BT.

A pinon, 5 ins. diam., bears S.  $72^{\circ} 30'$  W., 22 lks. dist., marked 5S3BT.

50.00 Top of ascent, 220 ft. above lot cor., slopes E.; descend NE. slope.

53.27 Intersect 3rd Stan. Par. S., at mid point on N. bdy. of NW $\frac{1}{4}$ , sec. 3, 40 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in surface rock, and in mound of stone to top, for W.  $1/16$  sec. cor., sec. 3, with brass cap marked

W  $1/16$  S3

1941

from which

A pinon, 16 ins. diam., bears S.  $37^{\circ} 15'$  E., 33 lks. dist., marked W  $1/16$  S3 BT.

A pinon, 14 ins. diam., bears S.  $42^{\circ} 45'$  W., 54 lks. dist., marked W  $1/16$  S3 BT.

From this point, the standard sec. cor. S. bdy. sec. 33, bears S.  $89^{\circ} 59'$  W., 18.21 chs. dist., and the stan. cor. of secs. 33 and 34, bears N.  $89^{\circ} 59'$  E., 22.56 chs. dist.

Land, mountainous; rocky and broken slopes.  
Soil, coarse rocky sandy loam; 3rd to 4th rate.  
Timber, scattered to medium dense juniper and pinon.



274

SUBDIVISION OF SECTIONS, T. 16 S., R. 14 E.

**Chains**

Undergrowth, scattered sagebrush and service berry;  
medium growth of weeds and grass. Fair grazing land.

From the cor. of lots 6, 7, 10, and 11 on N. and S. center  
line, sec. 3.

N.  $89^{\circ} 48'$  W., on line between lots 6 and 11, NW $\frac{1}{4}$  sec. 3.

Ascend along N. slope over mountainous land, through  
scattered to medium dense timber and scattered undergrowth.

6.00 Top of ascent, 40 ft. above lot cor., slopes N.; descend  
NW. slope.

20.90 Intersect cor. of lots 5, 6, 11, and 12, NW $\frac{1}{4}$  sec. 3,

Thence

N.  $89^{\circ} 48'$  W., on line between lots 5 and 12, NW $\frac{1}{4}$  sec. 3,  
with continuous measurement.

22.00 Horse Canyon, 400 ft. below top of ascent, course S.  $20^{\circ}$  W.

23.00 Trail along canyon, bears N.  $20^{\circ}$  E., and S.  $20^{\circ}$  W.

24.30 Top of sandstone ledge, 110 ft. high, bears NE. and SW.;  
continue ascent over rocky SE. slope.

36.00 Top of ascent, 300 ft. above canyon, slopes S.; descend  
along S. slope.

41.80 The cor. of lots 5 and 12, sec. 3, and lots 2 and 9, sec. 4.

Land, mountainous; steep rocky slopes.

Soil, coarse rocky sandy loam; 3rd rate.

Timber, juniper and pinon.

Undergrowth, scattered sagebrush and service berry; medium  
growth of weeds and grass. Fair grazing land.

From the cor. of lots 2, 3, 6, and 7, on N. and S. center  
line, sec. 3.

N.  $89^{\circ} 56'$  W., on line between lots 3 and 6, NW $\frac{1}{4}$  sec. 3.

Descend W. slope over mountainous land, through medium  
dense timber, and scattered undergrowth.

6.50 Horse Canyon, 130 ft. below lot cor., course S.  $10^{\circ}$  W.;  
trail along canyon. Ascend steep rocky E. slope.

20.62 On rocky E. slope, 290 ft. above canyon.

Intersect cor. of lots 3, 4, 5, and 6, NW $\frac{1}{4}$  sec. 3.

Thence

N.  $89^{\circ} 56'$  W., on line between lots 4 and 5, NW $\frac{1}{4}$  sec. 3,  
with continuous measurement.

41.24 The cor. of lots 4 and 5, sec. 3, and lots 1 and 8, sec.  
4, 640 ft. above canyon.

Land, mountainous; steep rocky slopes.

SUBDIVISION OF SECTIONS, T. 16 S., R. 11 E.

## Chains

Soil, coarse rocky sandy loam; 3rd rate, comparable  
Timber, juniper and pines. Undergrowth, scattered sagebrush and service berry; medi-  
growth of weeds and grass. Fair grazing land.

SUBDIVISION OF SECTION 4.

From the  $\frac{1}{4}$  sec. cor. between secs. 4 and 9.

N.  $0^{\circ} 59'$  E., on N. and S. center line, sec. 4.

Abrupt ascent over SW. slope broken by ledges, over mountainous land, through scattered timber and undergrowth.

19.94 On SW. slope, 300 ft. above  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for center S.  $\frac{1}{16}$  sec. cor., with brass cap marked

C  
S  $\frac{1}{16}$  | S 4  
C

1943

from which

E. face of boulder, 5x5x4 ft. above ground, bears N.  $84^{\circ} 30'$  W., 6 lks. dist., marked XBOS4

Face of ledge, bears N.  $34^{\circ}$  E., 33 lks. dist., marked XBOS4

Abrupt ascent over SW. slope broken by ledges.

32.00 Point of rocky spur, 900 ft. above  $\frac{1}{4}$  sec. cor., breaks off to the SE.; descend steep rocky NE. slope.

39.88 Intersect E. and W. center line, sec. 4, on rocky NE. slope, 600 ft. below point of spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for center  $\frac{1}{4}$  sec. cor., with brass cap marked

C\ S4

1943

from which

A pinon, 3 ins. diam., bears N.  $19^{\circ}$  E., 46 lks. dist., marked BT.

Descend along rocky E. slope.

47.25 Draw, 40 ft. below C.  $\frac{1}{4}$  sec. cor., course S.  $80^{\circ}$  E.; ascend steep S. slope broken by ledges.

51.50 Top of ledges and steep slope, 310 ft. above draw, bears E. and W.; ascend SE. slope.

59.645 On SE. slope, 620 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for cor. of lots 6, 7, 10, and 11, sec. 4, with brass cap marked

276

SUBDIVISION OF SECTIONS, T. 16 S., R. 14 E.

**Chains**

$$\begin{array}{r} \text{S4} \\ 6 \mid 7 \\ \hline 11 \mid 10 \end{array}$$

1943

61.35 Rocky spur, 50 ft. above lot cor., projects S. 70° W.; descend steep NW, slope.

73.20 Draw, 230 ft. below spur, course W.; thence along steep W. slope.

79.41 Proportionate dist.; on steep W. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 2, 3, 6, and 7, sec. 4, with brass cap marked

$$\begin{array}{r} \text{S4} \\ 3 \mid 2 \\ \hline 6 \mid 7 \end{array}$$

1943

from which

A pinon, 4 ins. diam., bears S. 80° E., 15 lks. dist., marked BT.

A juniper, 4 ins. diam., bears N. 70° 15' W., 13 lks. dist., marked BT.

81.50 Draw, course SW.; abrupt ascent over S. slope broken by ledges.

93.06 On steep S. slope, 550 ft. above lot cor.

Intersect 3rd Standard Par. S., at mid point on N. bdy. of sec. 4.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., sec. 4, with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ \hline \text{S 4} \end{array}$$

1943

from which

A juniper, 12 ins. diam., bears S. 59° 30' E., 67 lks. dist., marked  $\frac{1}{4}$ S4BT.

A pinon, 10 ins. diam., bears S. 71° 15' W., 84 lks. dist., marked  $\frac{1}{4}$ S4BT.

From this point the standard cor. of secs. 32 and 33, bears S. 89° 59' E., 1.61 chs. dist.

Land, mountainous; steep rocky slopes broken by ledges. Soil, coarse rocky sandy loam; 3rd rate.

Timber, juniper and pinon.

Undergrowth, scattered sagebrush and service berry; medium growth of weeds and grass. Poor grazing land.

From the  $\frac{1}{4}$  sec. cor., between secs. 3 and 4.

S. 89° 57' W., on E. and W. center line, sec. 4.

Descend NW. slope over mountainous land, through scattered timber and undergrowth.

## Chains

- 10.10 Horse Canyon, 75 ft. below  $\frac{1}{4}$  sec. cor., course SW.; abrupt ascent over rocky SE. slope broken by ledges.
- 17.40 Rocky point and top of ledge, 130 ft. high, 275 ft. above canyon, slopes SW.; descend SW. slope.
- 19.69 On SW. slope, 50 ft. below rocky point.

Set an iron post, 24 ins. long, 1 in. diam., 12 ins. in the ground, and 10 ins. in hole drilled in bedrock, for center E.  $\frac{1}{16}$  sec. cor., with brass cap marked

$$\begin{array}{c} \text{E } \frac{1}{16} \\ \text{C} \text{-----} \text{C} \\ \text{S } 4 \end{array}$$

1943

from which

A pinon, 3 ins. diam., bears N.  $57^{\circ}$  E., 35 lks. dist., marked BT.

A pinon, 3 ins. diam., bears S.  $40^{\circ}$  E., 35 lks. dist., marked BT.

- 24.90 Draw, 70 ft. below  $\frac{1}{16}$  sec. cor., course SE.; ascend NE slope.
- 39.38 The center  $\frac{1}{4}$  sec. cor., sec. 4, 330 ft. above draw.
- 50.00 Spur, 600 ft. above center  $\frac{1}{4}$  sec. cor., projects SE.; ascend SE. slope.
- 67.40 High rocky spur, 900 ft. above center  $\frac{1}{4}$  sec. cor., projects S.  $60^{\circ}$  W.; descend steep rocky NW. slope broken by ledges.
- 80.11 The  $\frac{1}{4}$  sec. cor. between secs. 4 and 5, 1500 ft. below spur.

Land, mountainous; steep rocky slopes broken by ledges. Soil, coarse, rocky sandy loam; 3rd to 4th rate. Timber, juniper and pinon. Undergrowth, scattered sagebrush; medium growth of weeds and grass. Poor grazing land.

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From the center E.  $\frac{1}{16}$  sec. cor., sec. 4.

N.  $1^{\circ} 12'$  E., on N. and S. center line, NE  $\frac{1}{4}$  sec. 4.

Ascend SW. slope over mountainous land, through medium dense timber and scattered undergrowth.

- 11.80 Top of ledge, 100 ft. high, 370 ft. above  $\frac{1}{16}$  sec. cor., bears W., and SE.
- 19.72 On SW. slope, 1020 ft. above C.E.  $\frac{1}{16}$  sec. cor.

Intersect E. and W. line between lots 8 and 9, and lots 7 and 10.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for cor. of lots 7, 8, 9, and 10, sec. 4, with brass cap marked

$$\begin{array}{r} 34 \\ 7 \overline{) 8} \\ 10 \overline{) 9} \\ 1943 \end{array}$$

from which

2.  
SUBDIVISION OF SECTIONS, T. 16 S., R. 14 E.

Chains

2.833 A pinon, 10 ins. diam., bears S.  $65^{\circ} 30'$  W., 50 lks. dist., marked 1034BT.

under 100 A juniper, 3 ins. diam., bears N.  $85^{\circ}$  W., 44 lks. dist., marked BT.

21.30 Spar, 70 ft. above lot cor., slopes SE.; thence along E. slope.

recess 34.60 Small draw, course SE.; ascend S. slope.

39.44 On SW. slope, 160 ft. above draw.

Intersect E. and W. line between lots 1 and 8, and 2 and 7, sec. 4.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 1, 2, 7, and 8, sec. 4, with brass cap marked

$$\begin{array}{r} S4 \\ 2 \overline{) 1} \\ 7 \overline{) 8} \end{array}$$

1943

from which

A pinon, 6 ins. diam., bears S.  $33^{\circ}$  E., 42 lks. dist., marked 8S4BT.

A juniper, 4 ins. diam., bears N.  $45^{\circ}$  W., 18 lks. dist., marked BT.

44.75 Rim of draw, 110 ft. above lot cor., bears N.  $70^{\circ}$  W., and S.  $70^{\circ}$  E.; thence over rolling E. slope.

53.17 Intersect 3rd Stan. Par. S., at mid point on N. bdy. of NE  $\frac{1}{4}$  sec. 4.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for E.  $\frac{1}{16}$  sec. cor., N. bdy. of sec. 4, with brass cap marked

E  $\frac{1}{16}$  S4

1943

from which

A pinon, 9 ins. diam., bears S.  $22^{\circ} 15'$  E., 41 lks. dist., marked E  $\frac{1}{16}$  S4BT.

A pinon, 14 ins. diam., bears S.  $10^{\circ} 15'$  W., 13 lks. dist., marked E  $\frac{1}{16}$  S4BT.

From this point the standard cor. of secs. 32 and 33, bears S.  $89^{\circ} 59'$  W., 18.29 chs. dist., and the standard  $\frac{1}{4}$  sec. cor. on S. bdy. of sec. 33, bears N.  $89^{\circ} 59'$  E., 22.12 chs. dist.

Land, mountainous.

Soil, coarse rocky sandy loam. 3rd rate.

Timber, juniper and pinon.

Undergrowth, scattered sagebrush; medium growth of weeds and grass. Fair grazing land.

From the cor. of lots 5 and 12, sec. 3, and lots 8 and 9, sec. 4.

## Chains

- N.  $89^{\circ} 55' W.$ , on E. and W. line between lots 8 and 9, SE $\frac{1}{4}$  of sec. 4.
- Along rocky S. slope over mountainous land, through dense timber, and scattered undergrowth.
- 4.50 Draw, course SE.; ascend steep rocky E. slope.
- 18.00 Point of spur, 960 ft. above lot cor., slopes SE.; dense SW. slope.
- 19.765 Intersect cor. of lots 7, 8, 9, and 10.
- Thence
- N.  $89^{\circ} 55' W.$ , between lots 7 and 10, sec. 4, with continuous measurement.
- 39.53 The cor. of lots 6, 7, 10, and 11, on N. and S. center line, sec. 4, 75 ft. below cor. of lots 7, 8, 9, and 10.
- Land, mountainous; steep rocky slopes.  
Soil, coarse rocky sandy loam; 3rd rate.  
Timber, juniper and pinon.  
Undergrowth, scattered sagebrush; medium growth of weeds and grass. Fair grazing land.
- 
- from the cor. of lots 4 and 5, sec. 3, and lots 1 and 8, sec. 4.
- N.  $69^{\circ} 47' W.$ , on E. and W. line, between lots 1 and 8, sec. 4.
- Ascend E. slope over mountainous land through medium dense timber, and scattered undergrowth.
- 0.50 Spur, 15 ft. above lot cor., slopes S.; thence along S. slope.
- 19.64 The cor. of lots 1, 2, 7, and 8.
- Thence
- N.  $69^{\circ} 47' W.$ , between lots 2 and 7, sec. 4, with continuous measurement.
- 23.00 Small draw, course S.  $10^{\circ} E.$ ; ascend gentle E. slope.
- 22.00 Spur, 100 ft. above lot cor., projects S.; descend abrupt E. slope over ledges.
- 39.68 The cor. of lots 2, 3, 6, and 7, on N. and S. center line, sec. 4, 450 ft. below spur.
- Land, mountainous.  
Soil, coarse rocky sandy loam; 3rd rate.  
Timber, juniper and pinon.  
Undergrowth, scattered sagebrush; medium growth of weeds and grass. Fair grazing land.

250

SUBDIVISION OF SECTIONS, T. 16 S., R. 14 E.

Chains

SUBDIVISION OF SECTION 9.

From the  $\frac{1}{4}$  sec. cor., between secs. 9 and 16.

N.  $0^{\circ} 24'$  W., on N. and S. center line, sec. 9.

Ascend along rolling rocky W. slope over mountainous land, through scattered timber, and undergrowth.

17.00 Top of ascent, 90 ft. above  $\frac{1}{4}$  sec. cor., slopes W.; descend over rolling NW. slope.

20.125 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in mound of stone to top, with a sandstone, 12x12x8 ins., marked with a cross, deposited at base, for center S.  $1/16$  sec. cor., with brass cap marked

C  
S  $1/16$  | S 9  
C

1943

32.50 Wash, 10 lks. wide, 1 ft. deep, in draw, 70 ft. below  $1/16$  sec. cor., course S.  $70^{\circ}$  W.; ascend steep S. slope.

40.25 On rocky S. slope, 60 ft. above wash.

Point of intersection with E. and W. center line, sec. 9.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and in mound of stone to top, with sandstone, 10x8x8 ins., marked with a cross deposited at base, for center  $\frac{1}{4}$  sec. cor., with brass cap marked

C | S9

1943

48.30 Gravel rim, and top of bench, 270 ft. above center  $\frac{1}{4}$  sec. cor., bears E. and W.; thence over rolling rocky land, broken by small washes, entering medium dense timber.

49.70 Unimproved road, bears E. to coal mine, and W.

60.38 Set an iron post; 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for center N.  $1/16$  sec. cor.; with brass cap marked

C  
N  $1/16$  | S 9  
C

1943

from which

A juniper, 8 ins. diam., bears N.  $61^{\circ}$  E., 12 lks. dist., marked CN  $1/16$  S9BT.

A juniper, 5 ins. diam., bears S.  $15^{\circ} 45'$  W., 31 lks. dist., marked CN  $1/16$  S9BT.

79.00 Wash, 60 lks. wide, 4 ft. deep, in Horse Canyon, course W.; old road along wash; ascend.

## SUBDIVISION OF SECTIONS, T. 16 S., R. 34 E.

Chains	
80.51	<p>The <math>\frac{1}{4}</math> sec. cor., between secs. 4 and 9.</p> <p>Land, rolling mountains. Soil, rocky and gravelly loam; 3rd rate. Timber, juniper and pinon. Undergrowth, scattered sagebrush and shadscale; medium growth of weeds and grass. Fair grazing land.</p> <hr/> <p>From the <math>\frac{1}{4}</math> sec. cor. between secs. 9 and 10.</p> <p>S. <math>89^{\circ} 57'</math> W., on E. and W. center line, sec. 9.</p> <p>Abrupt descent over ledges and rocky W. slope, over mountainous land, through medium dense timber, and scattered undergrowth.</p>
5.40	Small draw, course N. $20^{\circ}$ W.; descend along rocky broken N. slope.
18.89	<p>On gravel rim or bluff, 860 ft. below <math>\frac{1}{4}</math> sec. cor.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for witness cor. to center E. <math>1/16</math> sec. cor., with brass cap marked.</p> <p style="text-align: center;">WC C <math>\frac{E 1/16}{S 9}</math> C</p> <p style="text-align: center;">1941 from which</p> <p>A pinon, 8 ins. diam., bears N. <math>34^{\circ}</math> E., 49 lks. dist., marked WC C E <math>1/16</math> S9BT.</p> <p>A pinon, 10 ins. diam., bears S. <math>9^{\circ} 30'</math> W., 37 lks. dist., marked WC C E <math>1/16</math> S9BT.</p> <p>Abrupt descent over gravel rim and over SW. slope.</p>
19.87	True point for center E. $1/16$ sec. cor., on face of nearly vertical gravel bluff, where it is impracticable to establish a corner monument.
24.00	Foot of abrupt descent; descend along rocky S. slope.
39.74	<p>The center <math>\frac{1}{4}</math> sec. cor., sec. 9.</p> <p>Ascend rocky SE. slope.</p>
56.50	Gravel rim of bench, 230 ft. above center $\frac{1}{4}$ sec. cor., bears NE. and SW.; thence over rolling land.
76.40	Unimproved road, bears NE. to coal mine, and SW.
79.90	<p>The <math>\frac{1}{4}</math> sec. cor. bet. secs. 8 and 9.</p> <p>Land, mountainous; steep rocky slopes on E. portion. Soil, coarse rocky and gravelly loam; 3rd rate. Timber, juniper and pinon. Undergrowth, scattered sagebrush; medium growth of weeds and grass. Fair grazing land.</p> <hr/>



## SUBDIVISION OF SECTIONS, T. 16 S., R. 14 E.

## Chains

From the E. 1/16 sec. cor., between secs. 9 and 16.

N.  $0^{\circ} 53'$  W., on N. and S. center line, SE  $\frac{1}{4}$  sec. 9.

Ascend steep rocky SW. slope, over mountainous land, through scattered timber and undergrowth.

18.00 Rocky point and top of ledge, 60 ft. high, 700 ft. above 1/16 sec. cor., slopes W.; thence along ledge on W. slope of point of spur.

20.13 True point for SE. 1/16 sec. cor., at intersection of E. and W. center line, SE  $\frac{1}{4}$  sec. 9, on face of ledge, N.  $89^{\circ} 58'$  E., 13 lks. dist. from witness cor. for description of which see the notes of E. and W. center line.

Ascend along W. slope broken by ledges.

27.00 Rocky point and top of ledge, 90 ft. above 18.00 ch. point, slopes W.; abrupt descent over NW. slope.

40.26 True point for center E. 1/16 sec. cor., sec. 9, S.  $89^{\circ} 57'$  W., 98 lks. dist. from witness cor. to C. E. 1/16 sec. cor.

Land, mountainous; steep rocky slopes broken by ledges. Soil, coarse rocky sandy loam; 3rd to 4th rate.

Timber, juniper and pinon.

Undergrowth, scattered sagebrush; medium growth of weeds and grass. Poor grazing land.

From the S. 1/16 sec. cor., between secs. 9 and 10.

S.  $89^{\circ} 58'$  W., on E. and W. center line, SE  $\frac{1}{4}$  sec. 9.

Along steep N. slope over mountainous land, through medium dense timber, and scattered undergrowth.

17.00 Top of sandstone ledge facing W., bears N. and S.; abrupt descent over ledges.

20.04 True point for SE 1/16 sec. cor., at intersection with N. and S. center line, SE  $\frac{1}{4}$  sec. 9, on face of sandstone ledge, 60 ft. high. Impracticable to set cor. monument.

20.17 At foot of sandstone ledge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for witness cor. to SE. 1/16 sec. cor., sec. 9, with brass cap marked

SE 1/16 S9

WC

1943 from which

Point on face of ledge, .6 ft. above ground bears N.  $38^{\circ} 50'$  E., 27 lks. dist., marked  $\frac{B}{O}$

Continue descent over ledges and rocky W. slope.

40.08 The center S. 1/16 sec. cor., sec. 9, 740 ft. below witness 1/16 sec. cor.

Land, mountainous; very steep slopes broken with ledges. Soil, coarse rocky sandy loam; 3rd to 4th rate.

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## SUBDIVISION OF SECTIONS, T. 16 S., R. 14 E.

enland

## Chains

- Timber; juniper and pinon.  
Undergrowth, scattered sagebrush; medium growth of weeds and grass. Poor grazing land.
- 
- From true point for center E. 1/16 sec. cor., sec. 9.  
N.  $0^{\circ} 41'$  E., on N. and S. center line, NE  $\frac{1}{4}$  sec. 9.
- 2.00 Descend N. slope over mountainous land, through medium dense timber and scattered undergrowth.
- 5.25 Unimproved road; bears E. to coal mine, and W.
- 8.50 Draw, 150 ft. below point for C.E. 1/16 sec. cor., course NW.; ascend rocky SW. slope, broken by ledges.
- 18.00 Top of ascent, 250 ft. above draw, slopes W.; thence along broken W. slope.
- 20.08 Point of intersection with E. and W. center line, NE  $\frac{1}{4}$  sec. 9.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for NE 1/16 sec. cor., sec. 9, with brass cap marked
- NE 1/16 S 9
- 1943
- from which
- W. face of white sandstone boulder, 5x3x2 ft. above ground, bears N.  $74^{\circ}$  E., 20 lks. dist., marked NE  $\frac{1}{4}$  sec. 9
- A pinon, 10 ins. diam., bears S.  $22^{\circ} 50'$  E., 64 lks. dist., marked NE 1/16 S 9 B T.
- Continue along broken W. slope.
- 35.00 Descend NW. slope.
- 40.01 The witness cor. to E. 1/16 sec. cor., between secs. 4 and 9.
- 40.16 True point for E. 1/16 sec. cor., between secs. 4 and 9.
- Land, mountainous; steep rocky slopes.  
Soil, coarse rocky sandy loam; 3rd rate.  
Timber; juniper and pinon.  
Undergrowth, scattered sagebrush; medium growth of weeds and grass. Fair grazing land.
- 
- From N. 1/16 sec. cor., between secs. 9 and 10.  
S.  $89^{\circ} 55'$  W., on E. and W. center line, NE  $\frac{1}{4}$  sec. 9.  
Along steep rocky S. slope broken by ledges, through medium dense timber and scattered undergrowth.
- 10.00 Abrupt descent over broken SW. to W. slope.
- 20.25 The NE. 1/16 sec. cor., 350 ft. below N. 1/16 sec. cor.

SUBDIVISION OF SECTIONS, T. 16 S., R. 14 E.

Chains

40.50 The center N. 1/16 sec. cor., sec. 9, 275 ft. below NE. 1/16 sec. cor.  
Land, mountainous; rocky broken slopes.  
Soil, coarse rocky sandy loam; 3rd rate.  
Timber, juniper and pinon,  
Undergrowth, scattered sagebrush; medium growth of weeds and grass. Fair grazing land.

SUBDIVISION OF SECTION 10

From the 1/4 sec. cor., between secs. 10 and 15.

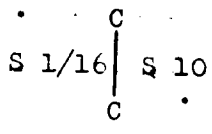
N. 0° 47' E., on N. and S. center line, sec. 10.

Along steep rocky E. slope over mountainous land, through scattered undergrowth.

6.00 Small draw, course E.; abrupt ascent over broken S. slope.

17.00 Rim of canyon, 475 ft. above 1/4 sec. cor., bears E. and W.; thence over rolling land, entering medium dense timber.

20.085 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in mound of stone to top, for center S. 1/16 sec. cor., with brass cap marked



1943 from which

A pinon, 4 ins. diam., bears S. 49° 30' E., 45 lks. dist., marked C S 1/16 S 10 B T.

A pinon, 6 ins. diam., bears N. 11° W., 41 lks. dist., marked C S 1/16 S 10 B T.

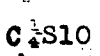
34.00 Descend NE. slope, bears E. and W.

37.25 Draw, 50 ft. deep, course S. 60° E.; ascend.

40.17 On W. side of point of low spur, 60 ft. above draw.

Intersect E. and W. center line, sec. 10.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock, and in mound of stone to top, for center 1/4 sec. cor., with brass cap marked



1943 from which

A sandstone boulder, 15x8x8 ft., above ground, bears N. 17° E., 25 lks. dist., marked XBO.

A juniper, 6 ins. diam., bears S. 60° 15' E., 32 lks. dist., marked C S 1/16 S 10 B T.

Descend along gentle W. slope.

46.00 Foot of spur, 40 ft. below C. 1/4 sec. cor., bears NE. and SW.; enter nearly level opening.

Chains		chains
56.25	Wash, 10 lks. wide, 10 ft. deep, course SW $\frac{1}{2}$ of sec. 10.	03.04
64.00	North side of opening, bears NE. and SW.; ascend SE. slope entering medium dense timber.	
79.00	Spur, 300 ft. above C $\frac{1}{4}$ sec. cor., projects SW.; thence along W. slope.	
80.24	The $\frac{1}{4}$ sec. cor. between secs. 3 and 10.	
	Land, rolling and steep slopes. Soil, coarse sandy loam; rocky on E. and W. portions; 2nd and 3rd rate. Timber, juniper and pinon on portions of mile. Undergrowth, scattered sagebrush; medium growth of weeds and grass. Fair grazing land.	
	From $\frac{1}{4}$ sec. cor., between secs. 10 and 11.	
	N. 89° 59' W., on E. and W. center line, sec. 10.	
	Along steep rocky S. slope broken by ledges, through medium dense timber and scattered undergrowth.	
26.10	Trail, bears NW. and SE.	
31.00	Draw, 130 ft. below $\frac{1}{4}$ sec. cor., course S.; ascend.	
39.50	Point of low spur, 130 ft. above draw, slopes S.; descend gentle W. slope.	
40.08	The center $\frac{1}{4}$ sec. cor.	
45.40	Wash, 20 lks. wide, 5 ft. deep, in draw 50 ft. below center $\frac{1}{4}$ sec. cor., course S.; ascend over rolling E. slope.	
61.07	Set an iron post, 3 ft. long; 1 in. diam., 10 ins. in the ground to bedrock and in mound of stone to top, for center W. $\frac{1}{16}$ sec. cor., with brass cap marked	
	$\begin{array}{c} W \frac{1}{16} \\ C \frac{S 10}{1943} \end{array}$	
	1943 from which	
	A juniper, 8 ins. diam., bears N. 4° E., 48 lks. dist., marked C W $\frac{1}{16}$ S 10 B T.	
	A juniper, 12 ins. diam., bears S. 6° 30' W., 39 lks. dist., marked C W $\frac{1}{16}$ S 10 B T.	
63.00	Rim of mountain, bears N. 15° E., and S. 15° W.; abrupt descent over rocky NW. slope.	
82.06	The $\frac{1}{4}$ sec. cor., between secs. 9 and 10, 340 ft. below rim of mountain.	
	Land, mountainous; rolling and broken slopes. Soil, coarse rocky sandy loam; 3rd rate. Timber, juniper and pinon. Undergrowth, scattered sagebrush; medium growth of weeds and grass. Fair grazing land.	
		00.34

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Chains

From the W. 1/16 sec. cor., between secs. 10 and 15.

N. 0° 18' W., on N. and S. center line, SW 1/4 sec. 10.

Over rolling mountainous land, through dense timber and scattered undergrowth.

20.11 Intersect E. and W. center line, SW 1/4 sec. 10.

Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in hole drilled in bedrock, with brass cap marked

SW 1/16 S 10

1943

from which

A juniper, 8 ins. diam., bears N. 3° E., 77 lks. dist., marked SW 1/16 S 10 B T.

A pinon, 16 ins. diam., bears S. 85° E., 74 lks. dist., marked SW 1/16 S 10 B T.

40.22 The center W. 1/16 sec. cor., sec. 10.

Land, rolling mountain top.

Soil, shallow rocky sandy loam; 3rd rate.

Timber, dense juniper and pinon.

Undergrowth, scattered sagebrush; medium growth of weeds and grass. Fair grazing land.

From the center S. 1/16 sec. cor., sec. 10.

S. 89° 56' W., on E. and W. center line, SW 1/4 sec. 10.

Over rolling mountainous land, through dense timber and scattered undergrowth.

6.00 Rim of draw, bears N. and S.; descend rocky SW. slope.

8.70 Draw, 75 ft. below rim, course S.; ascend rocky SE. slope.

16.00 Rim of draw, 150 ft. above bottom, bears N. and S.; thence over rolling E. slope.

20.61 The SW 1/16 sec. cor., sec. 10.

38.80 Rim of mountain, bears NE. and SW.; abrupt descent over rocky NW. slope.

41.22 The S. 1/16 sec. cor., between secs. 9 and 10.

Land, rolling and rocky slopes.

Soil, shallow rocky sandy loam; 3rd rate.

Timber, dense juniper and pinon.

Undergrowth, scattered sagebrush; medium growth of weeds and grass. Fair grazing land.

GENEVA NORTH COAL MINE IN SECTIONS 3 AND 4, T. 16 S., R. 14 E.

A traverse line was carried into the Geneva North and South Coal Mines, and a check survey was made, using the same transit stations and continuing the azimuth of the first traverse in the opposite directions back to the

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## GENEVA NORTH COAL MINE IN SECTIONS 3 AND 4, T. 18 S., R. 14 E.

Station	Description
	entry of the mine. All measurements in the mines, and surface ties to the entries of the mines were made in the chain unit, and the measurements are converted into the foot unit as shown in parenthesis in these notes.
	From the $\frac{1}{4}$ sec. cor., between secs. 3 and 4, thence
	N. $50^{\circ} 16' E.$ , 9.182 chs. (606.01 ft.) To station X, a bel 12 ins. long, $\frac{1}{2}$ in. diam., driven 12 ins. in the ground, on W. side of main haulage track of the North and South coal mines; thence.
	N. $28^{\circ} 35' W.$ , 4.491 chs. (296.41 ft.) to station O, a sped in cross beam of portal of 3rd North entry, Geneva North mine. From this station, the $\frac{1}{4}$ sec. cor. between secs. 3 and 4, bears S. $26^{\circ} 36' W.$ , 10.974 chs. (724.28 ft.) computed dist.
	Thence
0 - 1	N. $24^{\circ} 06' W.$ , 7.440 chs. (491.04 ft.) Along 3rd North entry to mine station No. 517.
1 - 2	N. $23^{\circ} 51' W.$ , 7.734 chs. (510.44 ft.) To mine station No. 529, opposite slant to 2nd North entry.
2 - 3	N. $23^{\circ} 51' W.$ , 6.295 chs. (415.47 ft.) To mine station No. 539.
3 - 4	N. $23^{\circ} 50' W.$ , 5.211 chs. (343.93 ft.) To mine station No. 549.
4 - A	N. $23^{\circ} 49' W.$ , 5.667 chs. (374.02 ft.) In 3rd North entry, to calculated point of intersection of line between lots 1 and 8, sec. 4. Set wooden plug, 4 ins. long, 1 in. diam. in coal roof. From this point the cor. of lots 1 and 8, sec. 4, and lots 4 and 5, sec. 3, bears S. $89^{\circ} 47' E.$ , 9.175 chs. (605.55 ft.) dist.
	Thence
	N. $89^{\circ} 47' W.$ , 0.134 chs. (8.84 ft.) along line between lots 1 and 8, sec. 4, to upper rib in 3rd North entry.
	Set an iron post, 8 ins. long, 1 in. diam., 7 ins. into sandstone floor, with brass cap marked
	$\begin{array}{r} S\ 4 \\ 1 \\ \hline 8 \end{array}$
	1943.
	From this point, the cor. of lots 1 and 8, sec. 4, and lots 4 and 5, sec. 3, bears S. $89^{\circ} 47' E.$ , 9.309 chs. (614.39 ft.) dist.
A - 5	N. $23^{\circ} 49' W.$ , 0.425 chs. (28.05 ft.) To mine station No. 565, opposite slant to 2nd North entry.
5 - 6	N. $69^{\circ} 24' W.$ , 1.701 chs. (112.27 ft.) Along slant to 2nd North entry, and to wooden plug in roof.
6 - 7	S. $22^{\circ} 57' E.$ , 2.095 chs. (138.27 ft.) Along 2nd North entry to mine sped in roof opposite 8th Raise.

GENEVA NORTH COAL MINE IN SECTIONS 3 AND 4, T.16 S., R.14 E.

Station

7 - B S.  $68^{\circ} 27' W.$ , 10.558 chs. (696.83 ft.) In 8th raise of 2nd North entry, to calculated point of intersection of line between lots 7 and 8, sec. 4. Set a wooden plug, 4 ins. long, 1 in. diam., in coal roof. From this point the cor. of lots 1, 2, 7, and 8, sec. 4, bears N.  $1^{\circ} 12' E.$ , 4.860 chs. (320.76 ft.) dist.; and mine station No. 634, bears S.  $66^{\circ} 13' W.$ , 85.2 lks. (56.27 ft.) dist.

Thence

N.  $1^{\circ} 12' E.$ , 0.105 chs. (6.93 ft.) Along line between lots 7 and 8 to upper rib in 8th raise.

Set an iron post, 8 ins. long, 1 in. diam., 7 ins. into sandstone floor, with brass cap marked

S 4  
7 | 8  
1943

From this point, the cor. of lots 1, 2, 7, and 8, sec. 4, bears N.  $1^{\circ} 12' E.$ , 4.755 chs. (313.93 ft.) dist.

B - 8 S.  $68^{\circ} 27' W.$ , 0.846 chs. (55.84 ft.) To spad in wooden plug in coal roof.

From station 7, in 2nd North entry.

7 - 9 S.  $25^{\circ} 10' E.$ , 2.362 chs. (155.89 ft.) Along 2nd North entry to mine station No. 559.

9 - 10 S.  $23^{\circ} 46' E.$ , 5.224 chs. (344.78 ft.) To mine spad in plug in roof.

10 - 11 S.  $23^{\circ} 46' E.$ , 3.944 chs. (260.30 ft.) Set spad in roof of 2nd North entry at 5th raise.

11 - 12 S.  $68^{\circ} 35' W.$ , 8.806 chs. (581.20 ft.) Along 5th raise, Set spad in wooden plug in coal roof.

12 - C S.  $68^{\circ} 34' W.$ , 7.072 chs. (468.75 ft.) In 5th raise off 2nd North entry to calculated point of intersection of line between lots 7 and 8, sec. 4. Set spad in wooden plug, set in roof of 5th raise. From this point cor. of lots 7, 8, 9, and 10, sec. 4, bears S.  $1^{\circ} 12' W.$ , 2.41 chs. (159.06 ft.) dist., and mine station No. 617, bears S.  $85^{\circ} 48' W.$ , 0.206 chs. (13.80 ft.) dist.

Thence

N.  $1^{\circ} 12' E.$ , 0.064 chs. (4.22 ft.) on line between lots 7 and 8, to upper rib in 5th raise.

Set an iron post, 8 ins. long, 1 in. diam., 7 ins. into sandstone floor, with brass cap marked

S 4  
7 | 8  
1943

From this point the cor. of lots 7, 8, 9, and 10, sec. 4, bears S.  $1^{\circ} 12' W.$ , 2.744 chs. (163.28 ft.) dist.

GENEVA NORTH COAL MINE IN SECTIONS 3 AND 4, T. 16 S., R. 14 E.

Station	Notes
C -13	S. 68° 34' W., 0.167 chs. (11.02 ft.) Set spad in wooden plug in coal roof.
	From station 11, in 2nd North entry, thence
11-14	S. 22° 55' E., 3.579 chs. (236.21 ft.) Along 2nd North entry to spad in wooden plug in coal roof.
14- 2	S. 62° 14' E., 2.024 chs. (133.58 ft.) Along slant to mine station No. 529, in 3rd North entry.
	From station 3, (mine station No. 539) in 3rd North entry
3 -15	N. 23° 50' W., 0.854 chs. (56.36 ft.) Along 3rd North entry to spad at 5th NE. dip.
15-16	N. 21° 02' E., 6.034 chs. (398.24 ft.) Along 5th NE. dip to mine station No. 633.
16-17	N. 21° 12' E., 3.432 chs. (226.51 ft.) To mine station No. 640 in 5th NE. dip, at 4th cross cut between 5th and 6th NE. dip.
17- D	N. 21° 12' E., 0.331 chs. (21.85 ft.) In 5th NE. dip, to calculated point of intersection of line between lots 1 and 8, sec. 4. Set wooden plug, 4 ins. long, 1 in. diam., in coal roof. From this point the cor. of lots 1 and 8, sec. 4, and lots 4 and 5, sec. 3, bears S. 89° 47' E., 1.611 chs. (106.32 ft.) dist.
	Thence
	N. 89° 47' W., 0.371 chs. (24.49 ft.) Along line between lots 1 and 8, sec. 4, to upper rib in 4th cross cut, between 5th and 6th dip.
	Set an iron post, 8 ins. long, 1 in. diam., 7 ins. into sandstone floor, with brass cap marked
	S 4
	1
	8
	1943
	From this point, the cor. of lots 1 and 8, sec. 4, and lots 4 and 5, sec. 3, bears S. 89° 47' E., 1.982 chs. (130.81 ft.) dist.
D -18	N. 21° 12' E., 1.382 chs. (91.21 ft.) To mine station No. 652 in 5th NE. dip.
18-E	N. 21° 12' E., 3.352 chs. (221.23 ft.) In 5th NE. dip, to calculated point of intersection of line between secs. 3 and 4. Set wooden plug, 4 ins. long, 1 in. diam., in coal roof. From this point, cor. of lots 1 and 8, sec. 4, and lots 4 and 5, sec. 3, bears S. 1° 26' W., 4.420 chs. (291.72 ft.) dist.
	Thence
	N. 1° 26' E., 0.455 chs. (30.03 ft.) Along line between secs. 3 and 4, to upper rib in 5th NE. dip.



GENEVA NORTH COAL MINE IN SECTIONS 3 AND 4, T. 16 S., R. 14 E.

Station

Set an iron post, 8 ins. long, 1 in. diam., 7 ins. into sandstone floor, with brass cap marked.

S4 | S3

1943

From this point, the cor. of lots 1 and 8, sec. 4, and lots 4 and 5, sec. 3, bears S.  $1^{\circ} 26' W.$ , 4.875 chs. (321.75 ft.) dist.

E - 19 N.  $21^{\circ} 12' E.$ , 0.071 chs. (4.69 ft.) To mine station No. 98, in 5th NE. dip.

GENEVA SOUTH COAL MINE IN SECTION 3, T. 16 S., R. 14 E.

From the  $\frac{1}{2}$  sec. cor., between secs. 3 and 4.

Thence

N.  $50^{\circ} 16' E.$ , 9.182 chs. (606.01 ft.) To station X. From this station, portal of 3rd South entry of south mine, under construction, bears S.  $20^{\circ} 12' E.$ , 1.10 chs. (72.6 ft.) approximate dist.

Thence

X - 0 S.  $20^{\circ} 12' E.$ , 3.453 chs. (227.90 ft.) To mine spad in roof, 3rd South entry, opposite slant to 2nd South entry

0 - 1 S.  $16^{\circ} 55' E.$ , 7.108 chs. (469.13 ft.) Along 3rd South entry to mine station No. 6.

1 - 2 S.  $19^{\circ} 02' E.$ , 5.509 chs. (363.59 ft.) To mine station No. 110.

2 - 3 S.  $18^{\circ} 56' E.$ , 8.962 chs. (591.49 ft.) To mine station No. 39.

3 - 4 S.  $19^{\circ} 04' E.$ , 9.145 chs. (603.57 ft.) To mine station No. 62.

4 - 5 S.  $19^{\circ} 03' E.$ , 8.502 chs. (561.13 ft.) To mine station No. 99.

5 - 6 S.  $19^{\circ} 02' E.$ , 3.030 chs. (199.98 ft.) To mine station No. 109.

6 - F S.  $19^{\circ} 02' E.$ , 2.915 chs. (192.39 ft.) In 3rd South entry, to calculated point of intersection of line between secs. 3 and 10. Set wooden plug, 4 ins. long, 1 in. diam., in coal roof. From this point the W.  $1/16$  sec. cor., secs. 3 and 10, bears N.  $89^{\circ} 59' W.$ , 1.124 chs. (74.18 ft.) dist.

Thence

N.  $89^{\circ} 59' W.$ , 0.141 chs. (9.30 ft.) between secs. 3 and 10, to upper rib in 3rd South entry.

Set an iron post, 8 ins. long, 1 in. diam., 7 ins. into sandstone floor, with brass cap marked

S 3  
S 10

1943

Station

no13af8

From this point, the W. 1/16 sec. cor. issues 93 and 10, bears N. 89° 59' W., 0.983 chs. (64.88 ft.) dist.

F - 7 S. 19° 02' E., 0.124 chs. (7.52 ft.) To mine station No. 120, in roof of 3rd South entry.

## GENERAL DESCRIPTION

The portion of T. 16 S., R. 14 E., embraced in this resurvey is situated in the breaks of the Book Cliff mountains, with a westerly exposure, and consists of high rocky spurs, about 8000 ft. in elevation above sea level, extending westerly. The main drainage, formed by deep rocky draws and canyons, is southwesterly. Horse canyon, forming the main drainage, enters the township in section 3, and drains southwesterly through sections 3, 4, and 9.

The soil is a coarse rocky sandy loam, and may be classed 3rd rate. The soil supports a scattered growth of sagebrush, service berry, and a medium growth of weeds and grass. From a scattered to dense growth of juniper and pinon is found, and on the north slopes near the tops of the spurs some Douglas fir is found.

Indications are that the main portions of sections 3 and 10, and portions of the east half of sections 4, 9, and 15, are underlain with coal.

The portals of the Geneva North and South Coal Mines are located in the SW $\frac{1}{4}$  NW $\frac{1}{4}$  of section 3, in Horse canyon. The tipples, a conveyor from the mine to the tipple, and the buildings pertaining to the operation of the Geneva mine, are located along Horse canyon, in the SE $\frac{1}{4}$  and SW $\frac{1}{4}$  of section 4, and in the SW $\frac{1}{4}$  NW $\frac{1}{4}$  of section 3.

Source

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

## FIELD ASSISTANTS

[illegible]

# CERTIFICATE OF SURVEYOR

We, Ralph Gentry, Robert C. Yundt, and Wilson McConkie,  
 1, \_\_\_\_\_, HEREBY CERTIFY upon honor that  
 pursuance of special instructions bearing date of the 9th day of August, 1941,  
 received from the district cadastral engineer for Utah, with assigned  
 instructions dated October 13, 1941; and supplemental assignment  
 instructions dated October 25, 1941, we have ~~surveyed~~ independently resurveyed  
 portion of 3rd Standard Parallel South along south boundary of  
 T. 15 S., R. 14 E., and portion of subdivision of T. 16 S., R. 14 E.,  
 and surveyed subdivision of section 3, T. 16 S., R. 14 E.,  
 of the Salt Lake Meridian, in the State of Utah, which  
 represented in the foregoing field notes as having been executed by ~~me~~ <sup>us</sup> and under ~~my~~ <sup>our</sup> direction; and that said  
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey  
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah

January 31, 1942.

Ralph Gentry  
Cadastral Engineer

Assistant Cadastral Engineer

Wilson M. Conkie  
Assistant Cadastral Engineer

**CERTIFICATE OF APPROVAL**

OFFICE OF SUPERVISOR OF SURVEYS.

\_\_\_\_\_, 19\_\_

The foregoing field notes of the survey of

executed by \_\_\_\_\_  
under special instructions dated \_\_\_\_\_, and assignment  
instructions dated \_\_\_\_\_, having been critically examined, and  
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey  
therein described, are hereby approved.

*Supervisor of Surveys.*

# CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes on file in the public survey office.

*Supervisor of Surveys.*

294

## FIELD ASSISTANTS

[illegible]

## CERTIFICATE OF SURVEYOR

We, Ralph Gentry, Elliot Bird, Andrew Nelson, and Robert C. Yundt  
 I, \_\_\_\_\_, HEREBY CERTIFY upon honor

pursuance of special instructions bearing date of the 9th day of August  
 received from the district cadastral engineer for Utah, with supplemental with assign  
 instructions dated September 4, 1943 ~~have~~ have ~~dependently~~ dependently resurveyed  
 portion of 3rd Standard Parallel South along south boundary of T. 15  
R. 14 E., and portion of subdivision, and surveyed the subdivision  
sections 4, 9, and 10, and the Geneva North and South Coal Mines,  
T. 16 S., R. 14 E.,  
 of the Salt Lake Meridian, in the State of Utah, which

represented in the foregoing field notes as having been executed by ~~us~~ <sup>us</sup> and under ~~my~~ <sup>our</sup> direction; and that  
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey  
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah,

December 8, 1943

Ralph Gentry Cadastral Engineer  
Elliot Bird Associate Cadastral Engineer  
Andrew Nelson Assistant Cadastral Engineer  
Robert C. Yundt Assistant Cadastral Engineer

## CERTIFICATE OF APPROVAL

Chief Cadastral Engineer,  
 OFFICE OF ~~SUPERVISOR OF SURVEYS~~

Denver, Colo., MAY 26 1947, 19

The foregoing field notes of the ~~survey~~ dependent resurvey of portion of 3rd  
Standard Parallel South along South boundary of T. 15 S., R. 14 E.,  
and subdivision and survey of subdivision of sections 3, 4, 9, and 10  
and the Geneva North and South Coal Mines, T. 16 S., R. 14 E.,  
 executed by Ralph Gentry, Elliot Bird, Andrew Nelson, and Robert C. Yundt  
and Wilson McConkie  
 under special instructions dated August 9, 1941, and supplemental, ~~and~~ assignment  
 instructions dated October 13 and 25, 1941, and Sept. 4, 1943 having been critically examined, and  
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey  
 therein described, are hereby approved.

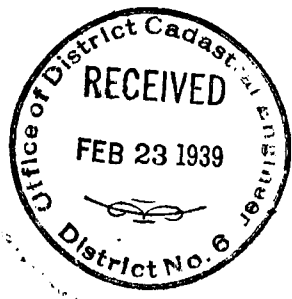
Earl S. Harrington  
 Assistant ~~Supervisor of Surveys~~  
 Acting Chief Cadastral Engineer

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_  
 \_\_\_\_\_, is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys

4-679  
(April 1938)



B  
**FIELD NOTES**

THE DEPENDENT RESURVEY OF

THE WEST BOUNDARY, AND

THE SURVEY OF

NORTH BOUNDARY, AND SUBDIVISIONAL LINES

OF

T. 17 S., R. 5 E.

AND DEPENDENT RESURVEY OF THE

WEST BOUNDARY OF T. 17 S., R. 6 E.

Of the Salt Lake Meridian,

the State of Utah

**EXECUTED BY**

Alph Gentry, Cadastral Engineer, Kenneth C. Vincent, Public Land

Surveyor, Sidney R. Reese, Transitman, Ervine E. Smith, Transitman,

and David M. Young, Transitman

under special instructions dated July 10, 1935, which provided

the surveys included under Group No. 266, bearing the approval of the

Commissioner of the General Land Office under date of August 8, 1935

and assignment instructions dated June 19, 1936, and ~~19~~ supplemental

assignment instructions dated July 20 and August 13, 1936, and June 1937.

Survey commenced September 3, 1936

Survey completed August 3, 1937

# INDEX DIAGRAM.

Township 17 South, Range 5 East

	16	15	14	13	12	11						
79	6	74	5	59	4	49	3	38	2	27	1	9
	73		72		58		48		38		27	
78	7	72	8	57	9	47	10	37	11	26	18	7
	71		70		56		47		36		25	
78	18	69	17	56	16	46	15	34	14	23	18	6
	68		67		55		44		34		22	
77	19	66	20	54	21	43	22	33	23	21	24	5
	65		64		53		43		32		21	
76	30	63	29	52	28	42	27	30	26	20	25	4
	62		61		51		40		29		19	
75	31	60	32	50	33	39	34	28	25	18	36	2





T. 17 S., R. 5 E.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

- Lines colored in black, surveyed by Ralph Gentry, Cadastral Engineer.
- Lines colored in black and red, surveyed by Ralph Gentry, Cadastral Eng., and David M. Young, Transitman.
- Lines colored in red, surveyed by Kenneth C. Vincen, Public Land Surveyor.
- Lines colored in green, surveyed by Sidney R. Reese, Transitman.
- Lines colored in green and red, surveyed by Sidney R. Reese, and Ervine F. Smith, Transitmen.

## T. 17 S., R. 5 E., SALT LAKE MERIDIAN

## Chains

Survey commenced Sept. 3, 1936, and executed with Buff and Buff light mountain solar transit No. 9978, used by Kenneth C. Vincent, Public Land Surveyor, and Buff and Buff light mountain solar transit No. 8028 used by Sidney R. Reese and Ervine F. Smith, Transitmen. Field work was discontinued Sept. 10, 1936, and resumed June 15, 1937, and executed with Buff and Buff solar transit No. 23466, used by Ralph Gentry, Cadastral Engineer, and David M. Young, Transitman, Buff and Buff solar transit No. 9978, used by Kenneth C. Vincent, Public Land Surveyor, and Young and Son's solar transit No. 8394 used by Sidney R. Reese, Transitman. All the instruments are property of the General Land Office and are equipped with Smith solar attachments and full vertical circles; the horizontal limbs are provided with two double verniers, placed opposite to each other, and read to single minutes of arc, which is also the least count of the verniers of the vertical circles, and the latitude and declination arcs. The instruments were approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests. The instruments were in good condition at the commencement of this survey and were tested and found free from any appreciable error.

The directions of the lines were determined by the solar transit method. The measurements were made with Lallie steel tapes, 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a Luikin standard steel tape one chain long and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained by clinometers in good adjustment; the horizontal equivalents are entered in the field note record.

The geographic position of the southeast corner of the township as determined through ties from public land surveys to U.S. Coast & Geodetic Survey triangulation stations located in T. 16 S., R. 5 E., this group, is approximately as follows: - longitude  $111^{\circ} 18' W.$ ; latitude  $39^{\circ} 17' N.$

August 30, 1936, in camp near the 4 sec. cor. between secs. 32 and 33, T. 17 S., R. 5 E., in approximate longitude  $111^{\circ} 22' W.$ , and latitude  $39^{\circ} 18' N.$ , at 6h 08.6m a.m., by my watch which carries correct 105th meridian time as determined by radio signals, or 5h 43.1m a.m., 1. m.t., I make an hour angle observation on Polaris, west of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a well defined reference point about a half mile north, in the direction N-W to Polaris.

Mean horizontal angle from reference point  
west to Polaris

$0^{\circ} 50' N-W$

Azimuth of Polaris

$0^{\circ} 51' W.$

True bearing of reference point

$N. 0^{\circ} 01' W.$

In order to verify the latitude of this station, I make a meridian observation of the sun, observing the altitude of the sun's lower limb with the telescope in direct position, reversing the transit and observing the sun's upper limb:

Apparent time of observation  
Mean observed altitude  
Reduced latitude

12h 00m 00s  
 $59^{\circ} 34'$   
 $39^{\circ} 18' N.$

## T. 17 S., R. 5 E., SALT LAKE MERIDIAN

## Chains

Every hour from 7 to 10-30 a.m., and from 1-30 to 5 p.m. we make proper settings on the arcs of the solar attachments and ascertain that the resulting orientations of the instruments, when compared with the meridian established by Polaris observations, have a maximum error of less than 1' 30".

June 15, 1937, in camp, located in the NW  $\frac{1}{4}$  of sec. 34 T. 17 S., R. 5 E., approximate longitude  $111^{\circ} 21' W.$ , latitude  $39^{\circ} 18' N.$ , at 10h 31.8m a.m., by my watch which carries correct 105th meridian time, as determined by radio signals, or 10h 6.4a.m., l.m.t., we make an hour angle observation on Polaris, west of the meridian, twice each with the telescope in direct and reversed position, reading the horizontal deflection angle from a well defined reference point about a half mile north, in the direction N.W. to Polaris.

Mean horizontal from reference point  
N. to Polaris

$0^{\circ} 11' W.$

Azimuth of Polaris.

$0^{\circ} 41' W.$

True bearing of reference point

$N. 0^{\circ} 30' W.$

At 10-30 a.m., a.p.m., and every half hour from 1-30 to 5 p.m., we make proper settings on the arcs of the solar attachments and ascertain that the resulting orientations of the instruments, when compared with the meridian established by Polaris observations, has a maximum error of less than 1' 30".

Conditions permitting, the arcs were tested daily by noon observations, and the meridional indications of the solar apparatus verified at frequent intervals throughout the survey.

## DEPENDENT RESURVEY OF WEST BOUNDARY, T. 17 S., R. 6 E.

Reestablishment of surveys executed by James C. Dick, U.S. Deputy Surveyor, in 1900.

This resurvey is a restoration of the original boundary in the true original position as adjusted to the identified evidence, and the establishment of corner monuments at corner points referring to this township on N. 4 miles. The lines of the original survey were retraced, and seen made for evidence of the original corner monuments, and other calls of the field notes. When duly identified or restored, the corner positions were remonumented.

The rules of single proportionate measurement were applied in order to ascertain the position of each lost corner. The retracement data were submitted for office examination and verification. In order to simplify the record, the true line notes only are supplied here, which refer to the completed resurvey.

From the cor. of Tps. 17 S., Rs. 5 and 6 E., which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official records.

N.  $1^{\circ} 00' W.$ , between secs. 31 and 36, along E. bdy. of

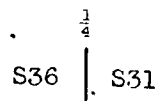
Along E. slope, over mountainous land, through scattered pinon, juniper, and fir timber, and undergrowth of sage brush.

3.50 Descend abrupt NE. slope, bears E. and W.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 17 S., R. 6 E.

Chains

- 10.10 Seely Creek, a stream of clear water, 30 lks. wide, in canyon, 250 ft. below Tp. cor., course S. 80°E.; ascend steep S. slope.
- 21.00 Forest Service telephone line, bears NW. and SE.
- 24.00 Top of ascent, on point of spur, 330 ft. above creek, slopes SE.; thence along steep E. slope, entering medium dense oak brush and service berry.
- 39.81 Proportionate distance; no evidence of  $\frac{1}{4}$  sec. cor. found.  
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked



1936 from which

A juniper, 8 ins. diam., bears S. 32° 30'E., 14 lks. dist., marked S 31 E T.

A yellow pine, 24 ins. diam., bears N. 48° 30'W., 33 lks. dist., marked S 36 E T.

- 43.00 Descend NE. slope, bears NW. and SE.
- 47.50 From this point, bench mark of U.S. Coast & Geodetic Survey, bears S. 55° 45'E., 1.69 chs. dist., an iron post, 3 ins. diam., extending 12 ins. above the ground, with brass cap marked

H 41

1934

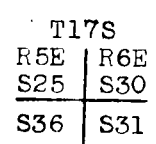
- 49.00 Graded road, bears NW., to Ephraim, Ut., and SE. to Castle Lake, Ut.

- 53.00 Stream of clear water, 15 lks. wide, in bottom of Little Canyon, course SE.; ascend SE. slope, entering medium dense juniper and pinon timber.

- 79.62 The cor. of secs. 25, 30, 31, and 36, which is a sandstone, 20 x 6 x 5 ins., above ground, firmly set, marked 1 notch on S., and 5 notches on N. edge, and witnessed by a mound of stone to the E.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with original stone monument deposited at base, for cor. of secs. 25, 30, 31, and 36, with brass cap marked



1936 from which

A pinon, 12 ins. diam., bears N. 19° E., 31 lks. dist., marked T17SR6ES30BT.

A pinon, 8 ins. diam., bears S. 63° 15'E., 187 lks. dist., marked T17SR6ES31BT.

DEPENDENT RESURVEY OF ~~WEST~~ BOUNDARY, T. 17 S., R. 6 E.

303 Chains

A juniper, 4 ins. diam., bears S.29° 45'W., 107.1k dist., marked. T17SR5ES36BT.

A pinon, 14 ins. diam., bears N.57° W., 160 lks. dist., marked. T17SR5ES25BT.

Land, mountainous; SE. exposure and drainage.  
Soil, rocky, sandy loam, with exposed surface rock; 3r rate.  
Timber, juniper, pinon, scattered balsam, and a few yellow pine.  
Undergrowth, sagebrush, oak, and service berry; medium growth of weeds and grass. Good grazing land.

N. 0° 26'W., between secs. 25 and 30.

Ascend along rocky E. slope, over mountainous land, the scattered timber, and medium dense undergrowth.

10.60 Old road, bears N. 30°E., and S.60°W.

40.04 Proportionate distance; no evidence of  $\frac{1}{4}$  sec. cor. four

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S25 | S30 ;

1936

from whi

A juniper, 3 ins. diam., bears S.26° 30'W., 28 lks dist., marked BT only.

A juniper, 4 ins. diam., bears N.43° 45'W., 65 lks dist., marked BT only.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

Cor. stands on E. slope, 150 ft. above sec. cor.

Continue gradual ascent along E. slope, leaving timber.

80.08 The cor. of secs. 19, 24, 25, and 30, which is a quart 12 x 8 x 4 ins. above the ground, firmly set, marked 2 notches on S., and 4 notches on N. edge, and witnessed by mound of stone to the W.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with original stone monument deposited at base, for cor. of secs. 19, 24, 25, and 30, with brass cap marked

T17S  
 R5E | R6E  
 S24 | S19  
 S25 | S30

1936

of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high W. of cor. raise a mound

Land, mountainous; E. exposure and drainage.

Chains

Soil, rocky, sandy loam; 3rd rate.  
Timber, scattered juniper and pinon on portion of mile.  
Undergrowth, sagebrush, service berry, and oak; medium  
growth of weeds and grass. Good grazing land.

N. 0° 38'E., between secs. 19 and 24.

Ascend gradually along rolling E. slope, over mountainous  
land, through medium dense undergrowth.

11.60 Old road, bears NE. and SW.

39.78 On E. slope, 115 ft. above sec. cor.

Proportionate distance; no evidence of  $\frac{1}{4}$  sec. cor. found.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in  
the ground to solid rock, and in mound of stone to top,  
for  $\frac{1}{4}$  sec. cor. of sec. 19 only, with brass cap marked

S19

1937 deposit a sandstone,  
8 x 4 x 4 ins., marked X, at base of post.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor. of sec. 24 only, with brass  
cap marked

S24

1937

from which

Cross on sandstone ledge, 4 ft. high, bears W., 4 lks.  
dist.; ledge marked XBO.

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

50.00 Top of ascent, 30 ft. above  $\frac{1}{4}$  sec. cor., slopes E.;  
descend steep NE. slope.

57.00 Enter medium dense timber, bears E. and W.

63.30 Stream of clear water, 15 lks. wide, in bottom of Reeder  
Canyon, 510 ft. below top of ascent, course S. 80°E.;  
ascend steep SW. slope.

64.30 Old road, bears N. 60°W., and S. 80°E.

68.20 Forest trail, bears NE. and SW.

76.30 Spring branch, course S. 20°W.

76.50 Recross trail, bears NW. and SE.

77.30 Recross trail, bears NE. and SW.

79.56 On steep S. slope, 500 ft. above creek, on S. side of  
trail, bears NW. and SE.

Proportionate distance; no evidence of sec. cor. found.

Chairs

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 18 and 19 only, with brass cap marked

	T17S
T17S	S18
R5E	S19
S24	R6E

1937

from which

A juniper, 18 ins. diam., bears N. 47° E., 10 lks. dist., marked T17SR6ES18BT.

A spruce, 30 ins. diam., bears S. 41° E., 62 lks. dist., marked T17SR6ES19BT.

Land, mountainous; E. exposure.

Soil, rocky, sandy, loam; 2nd to 3rd rate.

Timber, spruce, Douglas fir, balsam, and juniper on part of N. half mile.

Undergrowth, medium dense sagebrush, and scattered oak, service berry, and choke cherry; medium growth of weeds and grass. Good grazing land.

N. 0° 38' E., along W. bdy. of sec. 18.

Ascend steep S. slope, over mountainous land, through dense timber, and medium dense undergrowth.

0.44 Northing of 80.00 chs. from cor. of secs. 19, 24, 25, and 30

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13 and 24 only, with brass cap marked

T17S		T17S
S13		R6E
S24		S18
R5E		

1937

from which

A spruce, 14 ins. diam., bears S. 86° 30' W., 18 lks. dist., marked T17SR5ES24BT.

A Douglas fir, 10 lks. diam., bears N. 41° W., 55 lks. dist., marked T17SR5ES13BT.

6.70 Forest trail, bears NE. and SW.

15.10 Spring branch, 4 lks. wide, course S. 20° W.

16.00 From this point, spring of clear water, bears E., 2.00 chs. dist.

21.00 Leave timber, bears NW. and SE.

24.00 Top of steep ascent, on S. end of spur, known as Reeder Ridge, 780 ft. above sec. cor., bears W. and NE., thence on gentle SE. slope, over rolling top.

36.80 Spring branch, 5 lks. wide, course S. 30° E.

39.78 On gentle SE. slope on rolling top of Reeder Ridge, 840 ft. above sec. cor.



DEPENDENT RESURVEY, OF ~~WEST~~ BOUNDARY, T. 17 S., R. 6 E.

Chains

-TODD Proportionate distance; no evidence of  $\frac{1}{4}$  sec. cor. found.

.23 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 18 only, with brass cap marked

S18

1937

stone, 3 ft. base, 3 ft. high E. of cor. raise a mound of

40.44 Northing of 40.00 chs. from cor. of secs. 13 and 24.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 13 only, with brass cap marked

S13

1937

stone, 3 ft. base, 3 ft. high W. of cor. raise a mound of

48.00 Enter scattered timber, bears NE. and SW.

69.00 Enter medium dense timber, bears NE. and SW.

71.00 Leave timber, bears NE. and SW.

79.00 Enter scattered aspen, bears E. and W.

79.56 On gentle SE. slope, 380 ft. above  $\frac{1}{4}$  sec. cor.

Proportionate distance; no evidence of sec. cor. found.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7 and 18 only, with brass cap marked

T17S	T17S
REE	S 7
S13	S18
	R6E

1937

from which

An aspen, 8 ins. diam., bears S. 3° 15'E., 144 lks. dist., marked T17SR6ES18BT.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 3 ft. high E. of cor.

Land, mountainous; steep slopes on S. portion and rolling mountain top on N. portion of mile.  
Soil, rocky sandy loam; 2nd to 3rd rate.  
Timber, spruce, Douglas fir, balsam, and aspen.  
Undergrowth, sagebrush, and scattered choke cherry, oak, service berry, and mahogany; medium growth of weeds and grass. Good grazing land.

N. 0° 38'E., along W. bdy. of sec. 7.

Ascend gentle SE. slope, over rolling mountainous land,

## DEPENDENT RESURVEY OF WEST BOUNDARY, T. 17 S., R. 34 E.

Chains

anted

through scattered aspen timber, and medium dense undergrowth.

0.88 Northing of 80.00 chs, from cor. of secs. 13 and 24.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 12 and 13 only, with brass cap marked.

T17S	T17S
S12	R6E
S13	S 7
R5E	

1937

from which

An aspen, 8 ins. diam., bears S. 69° 15' W., 162 lks. dist., marked T17SR5ES13BT.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

10.00 Ascend steep S. slope, bears NE. and SW.

13.00 Forest trail, bears NW. and SE.

15.00 Spur, 300 ft. above cor. of secs. 7 and 18, slopes E.; descend gentle NE. slope, entering medium dense, aspen timber, bears E. and W.

26.00 Leave timber, bears E. and W.

28.50 Small stream of water, 1 lk. wide, in draw, 30 ft. below spur, course E.; ascend SE. slope.

37.00 Spur, 160 ft. above draw, projects E.; descend N. slope.

39.78 On N. slope, 80 ft. below spur.

Proportionate distance; no evidence of  $\frac{1}{4}$  sec. cor. found.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 7 only, with brass cap marked

 $\frac{1}{4}$ 

S 7

1937

deposit a sandstone

6 x 5 x 4 ins., marked with a X, at base of post.

40.88 Northing of 40.00 chs. from cor. of secs. 12 and 13.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 12 only, with brass cap marked

S12

1937

raise a mound of stone, 3 ft. base, 3 ft. high W. of cor.

42.00 Descend abrupt N. slope, bears E. and W.

44.00 Enter medium dense spruce, fir, and scattered aspen timber, bears E. and W.

# DEPENDENT RESURVEY OF WEST BOUNDARY, T. 17 S., R. 6 E.

Chains									
1366.00	Draw, 470 ft. below $\frac{1}{2}$ sec. cor., course E.; ascend SE. slope.								
1441.00	Spur, 350 ft. above draw, slopes E.; descend steep N. slope.								
79.56	On N. slope, 160 ft. below spur.								
500.00	The cor. of secs. 1, 6, 7, and 12, which is a sandstone, 16 x 12 x 3 ins., firmly set, and marked 1 notch on N., and 5 notches on S. edge. Cor. is witnessed by mound of stone, 2 ft. base, 2 ft. high.								
	As this cor. now becomes cor. of secs. 6 and 7 only.								
	At point for cor.								
11.32	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with original stone monument deposited at base, for cor. of secs. 6 and 7 only, with brass cap marked								
	<table> <tr> <td>T17S</td><td>T17S</td></tr> <tr> <td>R5E</td><td>S 6</td></tr> <tr> <td>S12</td><td>S 7</td></tr> <tr> <td></td><td>R6E</td></tr> </table>	T17S	T17S	R5E	S 6	S12	S 7		R6E
T17S	T17S								
R5E	S 6								
S12	S 7								
	R6E								
	1937 from which								
	A spruce, 30 ins. diam., bears N. 17° E., 62 lks. dist., marked T17SR6ES6BT.								
	A spruce, 30 ins. diam., bears S. 30° E., 11 lks. dist., marked T17SR6ES7BT.								
	Land, mountainous; E. exposure								
	Soil, rocky, sandy loam; 2nd to 3rd rate.								
	Timber, spruce, Douglas fir, balsam, and aspen on portions of mile.								
	Undergrowth, sagebrush and scattered service berry, choke cherry, and deer browse; medium growth of weeds and grass.								
	Good grazing land.								
	N. 1° 05' W., along W. bdy. of sec. 6.								
	Descend N. slope over mountainous land, through medium dense spruce, fir, and scattered aspen timber, and medium dense undergrowth.								
1.32	Northing of 80.00 chs. from cor. of secs. 12 and 13.								
301.32	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 1 and 12 only, with brass cap marked								
	<table> <tr> <td>T17S</td><td>T17S</td></tr> <tr> <td>S 1</td><td>R6E</td></tr> <tr> <td>S12</td><td>S. 6</td></tr> <tr> <td>R5E</td><td></td></tr> </table>	T17S	T17S	S 1	R6E	S12	S. 6	R5E	
T17S	T17S								
S 1	R6E								
S12	S. 6								
R5E									
	1937 from which								
	A spruce, 10 ins. diam., bears S. 61° W., 9 lks. dist., marked T17SR5ES12BT.								
	A spruce, 14 ins. diam., bears N. 33° W., 27 lks. dist., marked T17SR5ES1BT.								

Chains		anted
12.50	Draw, 290 ft. below cor. of secs. 5 and 7, course S 85° E. ascend steep S. slope.	000 32 55
18.75	Enter scattered timber, and medium dense mahogany, bear E. and W.	001 0
40.25	On N. slope, 825 ft. above draw.	001 0
	The $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is a sandstone, 18 x 6 x 6 ins., marked $\frac{1}{4}$ on W., face; firmly set, and witnessed by a mound of stone, 3 ft. base, 2 ft. high to the W.	
	As this cor now becomes $\frac{1}{4}$ sec. cor. to sec. 6 only.	
	At point for cor.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with original stone monument deposited at base, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap marked	
	$\begin{array}{c} \frac{1}{4} \\   \\ S\ 6 \end{array}$	
	1937	
	from which	
	A spruce, 10 ins. diam., bears N. 88° 45' E., 316 lks. dist., marked $\frac{1}{4}$ S 6 B T.	
	No other suitable bearing trees available.	
	Thence N. 0° 17' W. with continuous measurement.	
41.33	Northing of 40.00 chs. from the cor. of secs. 1 and 12.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1 only, with brass cap marked	
	$\begin{array}{c} \frac{1}{4} \\   \\ S\ 1 \end{array}$	
	1937	
	from which	
	A spruce; 8 ins. diam., bears S. 78° 45' W., 416 lks. dist., marked $\frac{1}{4}$ S 1 B T.	
	An aspen, 6 ins. diam., bears N. 8° 45' W., 316 lks. dist., marked $\frac{1}{4}$ S 1 B T.	
46.40	Spur, 140 ft. above $\frac{1}{4}$ sec. cor., projects N. 80° E.; Descend steep N. slope, leaving mahogany, and entering medium dense spruce, fir, and scattered aspen timber.	
69.20	Draw, 650 ft. below spur, course NE.; ascend	
70.80	The cor. of Tps. 16 and 17 S., Rs. 5 and 6 E., which is a sandstone, 18 x 8 x 5 ins., marked 6 notches on N., E., W., and S. edges, and T16S on NE., T17S on SW., R6E. on SE. faces. Cor. is witnessed by mound of stone, 3 ft. base, 1 ft. high to the S.	
	At point for cor.	
	Set an iron post, 3 ft. long, 3 ins. diam., 15 ins. in the ground to solid rock, and in mound of stone to top, for cor. of Tps. 16 and 17 S., Rs. 5 and 6 E., with brass cap marked	

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DEPENDENT RESURVEY OF WEST BOUNDARY, T. 17 S., R. 6 E.

Chains

T16S  
R5E | R6E  
S36 | S31  
S 1 | S 6  
T17S

1937

from which

A balsam, 12 ins. diam., bears N. 35° E., 77 lks. dist., marked T16SR6ES31BT

A balsam, 8 ins. diam., bears S. 56° 30' E., 18 lks. dist., marked T17SR6ES6BT.

A balsam, 12 ins. diam., bears S. 63° 45' W., 48 lks. dist., marked T17SR5ES1BT.

A balsam, 14 ins. diam., bears N. 84° W., 19 lks. dist., marked T16SR5ES36BT.

Land, mountainous; s. exposure and drainage.  
Soil, rocky sandy loam; 2nd to 3rd rate.  
Timber, spruce, Douglas fir, balsam, and aspen.  
Undergrowth, sagebrush, service berry, choke cherry, mahogany, and oak; medium growth of weeds and grass.  
Good grazing land.

NORTH BOUNDARY, T. 17 S., R. 5 E.

From the cor. of Tns. 16 and 17 S., Rs. 5 and 6 E.

West, between secs. 1 and 36, along N. bdy. of Tp.

Ascend steep E. slope, over mountainous land, through dense spruce, fir, and scattered aspen timber, and scattered undergrowth.

8.00 Enter scattered timber, bears N. and S.

18.00 Spur, 540 ft. above Tp. cor., projects N.E.; descend over rolling W. slope, entering dense fir, spruce, and scattered aspen timber, bears NE. and S.

40.00 On NW. slope, 200 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked.

S 36  
S 1

1937

from which

A balsam, 8 ins. diam., bears N. 9° 30' E., 49 lks. dist., marked S 36 B T.

A balsam, 6 ins. diam., bears S. 44° E., 8 lks. dist., marked S 1 B T.

53.70 Stream of clear water, 6 lks. wide, in draw, 90 ft. below sec. cor., course N. 20° E.; ascend steep NE. slope, entering dense aspen, and scattered fir and spruce timber.

50.00 On NE. slope, 720 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

## Chains

entered

the ground, for cor. of secs. 1, 2, 35, and 36, with brass cap marked

T16S	R5E
S35	S36
S 2	S 1
T17S	

1937 from which

A Douglas fir, 10 ins. diam., bears N. 3° E., 72 lks. dist., marked T16SR5ES36BT.

A Douglas fir, 14 ins. diam., bears S. 49° 15' E., 78 lks. dist., marked T17SR5ES1BT.

A Douglas fir, 18 ins. diam., bears S. 9° W., 24 lks. dist., marked T17SR5ES2BT.

A Douglas fir, 14 ins. diam., bears N. 54° 15' W., 62 lks. dist., marked T16SR5ES35BT.

Land, mountainous; NE. drainage.

Soil, dark, mountain loam; rocky; 2nd and 3rd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered service berry, choke cherry, sage brush, and deer browse; medium growth of weeds and grass.

Good grazing land.

West, between secs. 2 and 35.

Ascend NE. slope, over mountainous land, through medium dense fir and spruce timber, and scattered undergrowth.

3.00 Rim of Reeder Ridge, 40 ft. above sec. cor., bears NW. and SE.; ascend gradual NE. slope over rolling top of ridge.

7.00 Leave timber, bears N. and S.

12.00 Top of ridge, 90 ft. above sec. cor., bears NW. and SE.; descend gradual SW. slope over rolling top of ridge.

19.00 Rim of ridge, bears NW. and SE.; descend SW. slope, entering dense aspen, and scattered fir and spruce timber.

26.70 Small stream of clear water, 5 lks. wide, in draw, 80 ft. below ridge, course S.; ascend SE. slope.

40.00 On rim of Reeder Ridge, 20 ft. above draw, bears NW. and NE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S 35
S 2	

1937

from which

An aspen, 8 ins. diam., bears S. 8° 45' W., 40 lks. dist., marked  $\frac{1}{4}$  S 2 B T.

An aspen, 8 ins. diam., bears N. 22° 15' W., 28 lks. dist., marked  $\frac{1}{4}$  S 35 B T.

NORTH BOUNDARY, T. 17 S., R. 5 E.

Chains									
	Descend steep SW. slope								
61.50	Small stream of clear water, 6 lks. wide, in draw, 490 ft. below $\frac{1}{4}$ sec. cor., course S.; descend SE. slope.								
73.00	Spur, 200 ft. above draw, slopes S.; descend SW. slope, entering medium dense fir and spruce timber.								
80.00	On SW. slope, 100 ft. below spur.								
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 2, 3, 34, and 35, with brass cap marked								
	<table><tr><td>T16S</td><td>R5E</td></tr><tr><td>S34</td><td>S35</td></tr><tr><td>S 3</td><td>S 2</td></tr><tr><td>T17S</td><td></td></tr></table>	T16S	R5E	S34	S35	S 3	S 2	T17S	
T16S	R5E								
S34	S35								
S 3	S 2								
T17S									
	1937 from which								
	A Douglas fir, 20 ins. diam., bears N.21° 30'E., 77 lks. dist., marked T16SR5ES35BT.								
	A Douglas fir, 12 ins. diam., bears S.10° 45'E., 156 lks. dist., marked T17SR5ES2BT.								
	A Douglas fir, 18 ins. diam., bears S.18° 15'W., 50 lks. dist., marked T17SR5ES3BT.								
	A Douglas fir, 8 ins. diam., bears N. 82° W., 44 lks. dist., marked T16SR5ES34BT.								
	Land, mountainous.								
	Soil, dark sandy mountain loam; rocky; 2nd rate.								
	Timber, Douglas fir, balsam, spruce, and aspen.								
	Undergrowth, scattered sagebrush, service berry, choke cherry, and deer browse; medium growth of weeds and grass.								
	Good grazing land.								
	West, between secs. 3 and 34.								
	Descend SW. slope, over mountainous land, through medium dense fir, spruce, and scattered aspen timber, and scattered undergrowth.								
0.40	Stream of clear water, 4 lks. wide, in draw, 10 ft. below sec. cor., course S. 30°E.; thence along rolling S. slope.								
11.00	Small stream of clear water, 5 lks. wide, course S. 50°E.; ascend E. slope.								
17.00	Enter scattered timber.								
22.00	Spur, 360 ft. above draw, projects S.; descend SW. slope.								
22.50	Forest trail, bears NW. and SE.								
40.00	On SW. slope, 40 ft. below spur.								
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked								
	<table><tr><td><math>\frac{1}{4}</math></td><td>S 34</td></tr><tr><td></td><td>S 3</td></tr></table>	$\frac{1}{4}$	S 34		S 3				
$\frac{1}{4}$	S 34								
	S 3								
	1937 from which								

Chains		marked
	A balsam, 10 ins. diam., bears N. 64° 30' E., 43 lks. dist., marked $\frac{1}{4}$ S 34 B T.	
	A spruce, 20 ins. diam., bears S. 19° 30' W., 69 lks. dist., marked $\frac{1}{4}$ S 3 B T.	
43.90	Stream of clear water, 5 lks. wide, in draw, 80 ft. below sec. cor., course S.; thence over rolling S. slope.	
52.60	Small stream of clear water, 5 lks. wide, course S. 30° ascend gradual E. slope.	
57.50	Enter medium dense fir, and spruce timber.	
58.00	Top of ascent, 280 ft. above draw, bears N. and S.; thence over rolling S. slope	
80.00	On rolling S. slope, surface broken by small washes.	
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33, and 34, with brass cap marked	

T16S	R5E
S33	S34
S 4	S 3
T17S	

1937

from which

A spruce, 12 ins. diam., bears N. 89° E., 59 lks. dist., marked T16SR5ES34BT.

A balsam, 12 ins. diam., bears S. 46° E., 112 lks. dist., marked T17SR5ES3BT.

A balsam, 14 ins. diam., bears S. 7° 30' W., 176 lks. dist., marked T17SR5ES4BT.

A balsam, 12 ins. diam., bears N. 68° W., 132 lks. dist., marked T16SR5ES33BT.

Land, mountainous; SE. exposure and drainage.  
Soil, dark sandy mountain loam; rocky; 2nd rate.  
Timber, spruce, Douglas fir, balsam, and aspen.  
Undergrowth, scattered sagebrush, service berry, and deer browse; medium growth of weeds and grass.  
Good grazing land.

West, between secs. 4 and 33.

Descend gradually along rolling S. slope, surface broken by small washes, over mountainous land, through medium dense fir and spruce timber.

32.00 Descend SW. slope, bears NW. and SE.

40.00 On SW. slope, 90 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 33
S 4
NE 2
1937

from which



## NORTH BOUNDARY, T. 17 S., R. 5 E.

## Chains

A spruce, 12 ins. diam., bears S. 34° 30' W., 46 lks. dist., marked  $\frac{1}{2}$  S 4 B T.

A spruce, 8 ins. diam., bears N. 34° 45' W., 91 lks. dist., marked  $\frac{1}{4}$  S 33 B T.

41.00 Leave timber, bears NW. and SW.; descend over grass slope

44.00 Enter medium dense aspen, and scattered fir and spruce timber, bears NW. and SE.

61.70 Small stream of clear water, 10 lks. wide, in draw, 530 ft. below  $\frac{1}{4}$  sec. cor., course S.; thence along S. slope.

69.40 Stream of clear water, 10 lks. wide, in draw, course S.; ascend SE. slope.

80.00 On SE. slope, 200 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32, and 33, with brass cap marked

T16S	R5E
S32	S33
S 5	S 4
T17S	

1937

from which

An aspen, 12 ins. diam., bears N. 17° E., 40 lks. dist., marked T16SR5ES33BT.

An aspen, 8 ins. diam., bears S. 32° 30' E., 20 lks. dist., marked T17SR5ES4BT.

An aspen, 10 ins. diam., bears S. 63° W., 47 lks. dist., marked T17SR5ES5BT.

An aspen, 10 ins. diam., bears N. 59° W., 47 lks. dist., marked T16SR5ES32BT.

Land, mountainous.

Soil, dark mountain loam; rocky; 1st to 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered sagebrush, service berry, and deer browse; medium growth of weeds and grass.

Good grazing land.

West, between secs. 5 and 32.

Ascend SE. slope, over mountainous land, through medium dense aspen timber; and scattered undergrowth.

6.00 Top of abrupt ascent, slopes S.; thence ascend gradually along S. slope.

26.60 Stream of clear water, 4 lks. wide, in small draw, 250 ft. above sec. cor., course S.; continue over rolling S. slope.

28.00 Enter medium dense spruce and fir, and scattered aspen timber.

40.00 On S. slope, 20 ft. above draw.

Chains

S. 32

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S 32  
S 5

1937

from which

A spruce, 10 ins. diam., bears N.  $86^{\circ}$  E., 187 lks. dist., marked  $\frac{1}{4}$  S 32 BT.

A Douglas fir, 24 ins. diam., bears S.  $34^{\circ}$  30' E., 29 lks. dist., marked  $\frac{1}{4}$  S 5 B.T.

51.00 Top of ascent, 70 ft. above  $\frac{1}{4}$  sec. cor., slopes S.; descend SW. slope.

54.90 Small stream of clear water, 10 lks. wide, in draw, 35 ft. below top of ascent, course S.; ascend gentle SE. slope.

66.00 Enter scattered timber, bears N. and S.

80.00 On gentle SE. slope, 170 ft. above  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 31, and 32, with brass cap marked

T16S R5E  
S31 B32  
S 6 S 5  
T17S

1937

from which

A Douglas fir, 12 ins. diam., bears S.  $42^{\circ}$  W., 125 lks. dist., marked T17SR5ES6BT.

A balsam, 8 ins. diam., bears N.  $62^{\circ}$  45' W., 120 lks. dist., marked T16SR5ES31BT.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high W. of cor.

Land, mountainous; drainage SE.

Soil, dark mountain loam; rocky; 1st and 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered sagebrush, service berry, and deer browse; medium growth of weeds and grass.

Good grazing land.

West, between secs. 6 and 31.

Ascend steep E. slope, over mountain land, scattered spruce and fir timber, and scattered undergrowth.

9.20 Road, known as Skyline Drive, 350 ft. above sec. cor., bears N. and S.

11.50 Summit of main ridge, and divide between drainage of Joe's Valley to E., and Sevier Valley to W.; 150 ft. above sec. cor., bears N.  $10^{\circ}$  E., and S.  $10^{\circ}$  W.; descend abrupt W. slope.

12.00 Enter medium dense spruce and fir timber.

NORTH BOUNDARY, T. 17 S., R. 5 E.

Chains

24.00 Foot of abrupt descent; thence descend gradually along steep N. slope.

33.00 Ascend gradually along steep N. slope.

40.00 On steep N. slope, 600 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S 31  
S 6

1937

from which

A balsam, 4 ins. diam., bears S. 67° W., 13 lks. dist., marked  $\frac{1}{4}$  S 6 B T.

A Douglas fir, 12 ins. diam., bears N. 49° 30' W., 41 lks. dist., marked  $\frac{1}{4}$  S 31 B T.

Ascend steep NE. slope.

50.00 Spur, 120 ft. above  $\frac{1}{4}$  sec. cor., slopes NW.; descend abrupt NW. slope.

74.17 On E. side of creek, in bottom of canyon, 775 ft. below spur.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for witness cor. to closing cor. of Tps. 16 and 17 S., R. 5 E., with brass cap marked

	T16S	
	R5E	
T16S	S 31	
WC R4E		CC
S36	S 6	
	T17S	

1937

from which

A Douglas fir, 12 ins. diam., bears N. 20° E., 84 lks. dist., marked WCT16SR5ES31CCBT.

A Douglas fir, 9 ins. diam., bears S. 56° 30' E., 30 lks. dist., marked WCT17SR5ES6CCBT.

76.16 Intersect E. bdy. of T. 16 S., R. 4 E., N., 30.15 chs. dist. from the cor. of Tps. 16 and 17 S., R. 4 E., hereinafter described.

At point of intersection.

In small stream of clear water, 10 lks. wide, in bottom of canyon, course N. Impracticable to set cor. monument.

Land, mountainous; steep slopes.

Soil, rocky sandy mountain loam; 2nd to 3rd rate.

Timber, spruce, Douglas fir, and balsam.

Undergrowth, scattered growth of sagebrush, service berry, choke cherry, and deer browse; medium growth of weeds and grass.

Good grazing land.

## Chains

angle 10

From the cor. of secs. 35 and 36, on S. bdy. of Tp. 18 S. which is an iron post, 2 ins. diam., set, marked and witnessed as described in the field notes of survey of T. 18 S., R. 5 E., this group.

N. 0° 03' W., between secs. 35 and 36, on course parallel to mean bearing of E. bdy.

Descend abrupt N. slope, over mountainous land, through dense fir, spruce, and scattered aspen timber, and under growth of oak and service berry brush.

8.60 Seely Creek, a stream of clear water, 15 lks. wide, in canyon, 340 ft. below sec. cor., course E.; ascend abrupt S. slope, leaving spruce and fir timber; enter scattered juniper and pinon.

30.50 Top of abrupt ascent, 640 ft. above creek, bears E. and W., thence ascend over rolling S. slope, entering dense sagebrush.

40.00 On gentle S. slope, 720 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S35 | S36  
 1936

from which

A juniper, 5 ins. diam., bears S. 72° E., 24 lks. dist., marked BT, only.

A juniper, 5 ins. diam., bears N. 34° 15' W., 271 lks. dist., marked BT, only.

50.40 Forest Service telephone line, bears E. and W.

52.90 Road, bears E., to Castle Dale, Ut., and W. to Ephraim, Utah.

62.00 Ascend abrupt S. slope, bears E. and W.

80.00 On S. slope, 550 ft. above  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35, and 36, with brass cap marked

T17S | R5E  
 S26 | S25  
 S35 | S36

1936

from which

A spruce, 20 ins. diam., bears N. 37° 15' E., 86 lks. dist., marked T17SR5ES25BT.

A spruce, 18 ins. diam., bears S. 20° 30' E., 218 lks. dist., marked T17SR5ES36BT.

A pinon, 5 ins. diam., bears S. 81° W., 352 lks. dist., marked T17SR5ES35BT.

No suitable bearing tree available in sec. 26. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

SUBDIVISION OF T. 17 S., R. 5 E.

318

Chains

Land, mountainous.  
Soil, rocky clay loam; 2nd to 3rd rate.  
Timber, dense spruce, Douglas fir, and balsam. on portion of S. half mile, and scattered juniper and pinon on portion of mile.  
Undergrowth, sagebrush, service berry, and oak; medium growth of weeds and grass. Good grazing land.

East, on random line between secs. 25 and 36.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

78.60 Intersect E. bdy. of Tp., 19 lks. N. of the cor. of secs. 25, 30, 31, and 36, heretofore described.

Thence

N.  $89^{\circ} 52'$  W., on true line between secs. 25 and 36.

Ascend E. slope, through medium dense timber, and scattered undergrowth.

9.00 Point of spur, 30 ft. above sec. cor., slopes SE.; descend rocky SW. slope, leaving timber, and entering medium dense undergrowth.

19.80 Stream of clear water, 10 lks. wide, in bottom of Little Canyon, 160 ft. below spur, course SE.; ascend NE. slope

38.60 On NE. slope, 300 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S\ 25}{S\ 36}$

1936

from which

A pinon, 6 ins. diam., bears S.  $4^{\circ}$  W., 65 lks. dist., marked  $\frac{1}{4}$  S 36 B T.

A spruce, 12 ins. diam., bears N.  $43^{\circ} 30'$  W., 65 lks. dist., marked  $\frac{1}{4}$  S 25 B T.

53.00 Top of NE. slope, bears NW. and SE.; thence ascend over rolling E. slope.

60.00 Ascend abrupt E. slope, bears N. and S.

75.00 Top of ascent on point of spur, 780 ft. above  $\frac{1}{4}$  sec. cor., slopes SE.; thence along S. slope.

78.60 The cor. of secs. 25, 26, 35, and 36.

Land, mountainous; E. exposure, and SE. drainage.  
Soil, rocky clay loam; 1st to 2nd rate.  
Timber, medium dense pinon and juniper on portion of E. half mile, and very scattered pinon, juniper, and spruce on portion of mile.  
Undergrowth, sagebrush, service berry, choke cherry, and oak; medium growth of weeds and grass.  
Good grazing land.

## Chains

arland

N. 0° 03' W., between secs. 25 and 26,

Ascend gentle S. slope, over mountainous land, through scattered spruce and aspen timber, and medium dense undergrowth.

6.00 Top of ascent, on point of spur, 30 ft. above sec. cor. slopes SE.; descend NE. slope, entering medium dense fir, spruce, and aspen timber.

40.00 On NE. slope, 420 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S26 | S25  
 1936

from which

A spruce, 12 ins. diam., bears S. 88° 15' E., 54 lks. dist., marked  $\frac{1}{4}$  S 25 B T.

A spruce, 8 ins. diam., bears N. 80° 45' W., 20 lks. dist., marked  $\frac{1}{4}$  S 26 B T.

64.10 Stream of clear water, 9 lks. wide, in bottom of Little Canyon, 160 ft. below  $\frac{1}{4}$  sec. cor., course SE.; ascend SW. slope, entering juniper and pinon timber.

67.50 Old road, bears NW. and SE.

80.00 On steep SW. slope, 390 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 23, 24, 25, and 26, with brass cap marked

T17S | R5E  
 S23 | S24  
 S26 | S25

1936

from which

A spruce, 26 ins. diam., bears N. 10° E., 18 lks. dist., marked T17SR5ES24BT.

A juniper, 8 ins. diam., bears S. 51° 45' E., 27 lks. dist., marked T17SR5ES25BT.

A juniper, 10 ins. diam., bears S. 17° 45' W., 64 lks. dist., marked T17SR5ES26 BT.

A juniper, 7 ins. diam., bears N. 84° 15' W., 84 lks. dist., marked T17SR5ES23BT.

Land, mountainous.

Soil, sandy clay loam; rocky; 2nd rate.

Timber, spruce, Douglas fir, balsam, aspen, and juniper and pinon.

Undergrowth, oak, service berry, choke cherry, and sagebrush; medium growth of weeds and grass.

Good grazing land.

## SUBDIVISION OF T. 17 S., R. 5 E.

## Chains

S. 89° 52' E., on random line between secs. 24 and 25.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

77.83 Intersect E. bdy. of Tp., 14 lks. S. of the cor. of secs. 19, 24, 25, and 30, heretofore described.

Thence

N. 89° 58' W., on true line between secs. 24 and 25.

Ascend E. slope, over rolling mountainous land, through medium dense undergrowth.

3.60 Old road, bears N. and S.

14.80 Small spring of clear water, 5 l's. N. of line, stream drains E.

28.00 Old road, bears N. and S.

37.83 On E. slope, 610 ft. above sec. cor., in edge of young aspen timber, bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground; for  $\frac{1}{2}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{r} \text{S } 24 \\ \hline \text{S } 25 \end{array}$$

1936

from which

A pinon, 12 ins. diam., bears S. 7° 45' E., 206 lks. dist., marked S 25 B T.

An aspen, 4 ins. diam., bears N. 47° 30' W., 336 lks. dist., marked BT only.

44.00 Rim of spur, 200 ft. above  $\frac{1}{2}$  sec. cor., projects S. 20° E.; thence over rolling top

59.00 Rim of spur, projecting S. 20° E.; descend SW. slope, entering medium dense timber.

67.70 Draw, 260 ft. below spur, course S. 10° E.; ascend along S. slope.

74.00 Top of ascent, 80 ft. above draw, slopes S.; descend SW. slope.

77.83 The cor. of secs. 23, 24, 25, and 26, 50 ft. below top of ascent.

Land, mountainous

Soil, rocky-clay loam; 2nd to 3rd rate.

Timber, aspen, spruce, Douglas fir, balsam, and juniper, on portion of mile.

Undergrowth, oak, sagebrush, service berry, and choke cherry; medium growth of weeds and grass.

Good grazing land.

N. 0° 03' W., between secs. 23 and 24.

Ascend abrupt SW. slope, over mountainous land, through medium dense spruce, fir, and juniper timber.

## Chains

arland

- 8.50 Rim of spur, 260 ft. above sec. cor., bears NW., and E. thence ascend gradual S. slope, over rolling top of spur.
- 18.00 Enter medium dense aspen, and scattered spruce and fir timber, bears NW. and SE.
- 30.00 Fence of corral, about 5 chs. diam., bears NW. and SE.; thence across corral.
- 32.20 Leave corral, bears NE. and SW.
- 40.00 On rolling S. slope, 440 ft. above sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- |               |
|---------------|
| $\frac{1}{4}$ |
| S23   S24     |
| 1937          |
- from which
- An aspen, 8 ins. diam., bears N. 48° 45' E., 108 lks. dist., marked  $\frac{1}{4}$  S 24 BT.
- An aspen, 6 ins. diam., bears S. 87° 30' W., 36 lks. dist., marked  $\frac{1}{4}$  S 23 B T.
- 45.00 Leave timber, bears NE. and SW.
- 59.00 Enter aspen timber, bears NE. and SW.
- 58.90 Small stream of clear water, 2 lks. wide, course S. 5° E.
- 67.00 Leave timber, bears NW. and SE.
- 80.00 On gentle SE. slope, 160 ft. above  $\frac{1}{4}$  sec. cor.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, with brass cap marked
- |            |
|------------|
| T17S   R5E |
| S14   S13  |
| S23   S24  |
| 1937       |
- raise a mound of
- stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high W. of cor.
- Land, rolling mountains.
- Soil, rocky sandy clay loam; 1st and 2nd rate.
- Timber, aspen, spruce, Douglas fir, and balsam.
- Undergrowth, sagebrush, choke cherry, and service berry.
- Medium growth of weeds and grass. Good grazing land.
- 
- S. 89° 58' E., on random line between secs. 13 and 24.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 78.73 Intersect E. bdy. of Tp., 19 lks. N. of the cor. of secs. 13 and 24; heretofore described.
- Thence



## SUBDIVISION OF T. 17 S., R. 5 E.

## Chains

N. 89° 50' W., on true line between secs. 13 and 24.

Descend abrupt SW. slope, over mountainous land, through medium dense spruce, fir, and juniper timber, and medium dense undergrowth of sagebrush, service berry, and choke cherry.

0.30 Forest trail, bears NW. and SE.

4.50 Small stream of clear water, 2 lks. wide, course S. 20° W.

19.40 Old road, along Reeder Canyon, bears NW. and SE.

21.30 Stream of clear water, 30 lks. wide, in bottom of Reeder Canyon, 300 ft. below sec. cor., course SE.; ascend abrupt NE. slope, leaving timber.

29.00 Top of ascent, 225 ft. above canyon, slopes N.; descend abrupt NW. slope.

32.00 Small draw, 20 ft. below top of ascent, course NE.; ascend steep E. slope, entering medium growth of spruce, fir, and aspen timber, and undergrowth of willows, choke cherry, sagebrush, and service berry.

38.73 On steep E. slope, 160 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 13

$\frac{1}{4}$

S 24

1937

from which

A Douglas fir, 8 ins. diam., bears N. 33° 15' E., 37 lks. dist., marked  $\frac{1}{4}$  S 13 B T.

A Douglas fir, 8 ins. diam., bears S. 35° E., 47 lks. dist., marked  $\frac{1}{4}$  S 24 B T.

48.00 Leave timber, and enter dense sagebrush, bears N. and S.

56.00 Enter dense aspen and scattered spruce and fir timber, and dense choke cherry, and young aspen, bears N. and S.

72.00 Leave timber, and enter medium dense sagebrush, bears N. and S.

73.50 Rim of spur, 1050 ft. above  $\frac{1}{4}$  sec. cor., bears N. 30° W., and S. 30° E.; thence over rolling SE. slope.

78.73 The cor. of secs. 13, 14, 23, and 24.

Land, mountainous; steep broken slopes.

Soil, dark mountain loam; rocky; 1st and 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, sagebrush, choke cherry, willows, service

berry, and young aspen; medium growth of weeds and grass.

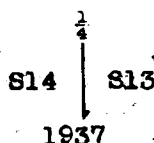
Good grazing land.

N. 0° 03' W., between secs. 13 and 14.

Over gentle SE. slope, over mountainous land, through undergrowth of sagebrush.

## Chains

- 6.30 Rim of spur, bears N.  $30^{\circ}$  W., and S.  $50^{\circ}$  E.; ascend abrupt NE. slope.
- 10.00 Enter dense aspen and scattered spruce and fir timber, and undergrowth of young aspen, choke-cherry, and sagebrush, bears NW. and SE.
- 26.00 Small draw, 200 ft. below rim of spur, course NE.; then ascend along steep E. slope.
- 33.00 Top of ascent, 10 ft. above draw, slopes NE.; descend abrupt N. slope, entering scattered timber, and sagebrush.
- 40.00 On steep N. slope, 170 ft. below top of ascent.
- Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{2}$  sec. cor., with brass cap marked



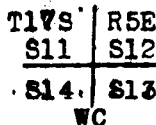
from which

A spruce, 10 ins. diam., bears S.  $32^{\circ}$  E., 94 lks. dist., marked  $\frac{1}{2}$  S 13 B T.

A spruce, 8 ins. diam., bears N.  $37^{\circ}$  30' W., 174 lks. dist., marked  $\frac{1}{2}$  S 14 B T.

- 52.00 Enter medium dense fir and spruce timber, bears E. and
- 62.90 Stream of clear water, 5 lks. wide, in draw, 330 ft. below  $\frac{1}{2}$  sec. cor., course NE.; ascend SE. slope.
- 66.50 Spur, 60 ft. above draw, slopes NE.; descend N. slope.
- 79.70 Stream of clear water, 30 lks. wide, in bottom of Reede Canyon, 140 ft. below spur, course S.  $60^{\circ}$  E.
- 80.00 In E. side of water course of stream, where it is impracticable to establish cor. monument; therefore at
- 80.23 On N. side of creek.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to cor. of secs. 11, 12, 13 and 14, with brass cap marked



1937

from which

A Douglas fir, 18 ins. diam., bears N.  $48^{\circ}$  E., 14 lks. dist., marked WCT17SR5ES12BT.

A Douglas fir, 18 ins. diam., bears S.  $36^{\circ}$  15' E., 46 lks. dist., marked WCT17SR5ES13BT

A Douglas fir, 6 ins. diam., bears S.  $39^{\circ}$  W., 11 lks. dist., marked WCT17SR5ES14BT.

A Douglas fir, 24 ins. diam., bears N.  $5^{\circ}$  30' W., 118 lks. dist., marked WCT17SR5ES15BT.

## SUBDIVISION OF T. 17 S., R. 6 E.

## Chains

811400

- Land, mountainous, steep broken slopes.  
Soil, rocky dark mountain loam; 1st and 2nd rate.  
Timber, spruce, Douglas fir, balsam, and aspen, on portions of mile.  
Undergrowth, sagebrush, choke cherry, young aspen and service berry; medium growth of weeds and grass.  
Good grazing land.
- From true point for cor. of secs. 11, 12, 13, and 14.  
S. 89° 50' E., on random line between secs. 12 and 13.
- 40.00 Set temp. 2 sec. cor.
- 79.74 Intersect E. bdy. of Tp., 8 lks. S. of the cor. of secs. 12 and 13, heretofore described.
- Thence  
N. 89° 54' W., on true line between secs. 12 and 13.  
Over rolling top of Reader Ridge, through scattered aspen timber, and medium dense undergrowth.
- 7.00 Enter medium dense fir, spruce, and scattered aspen and juniper timber, bears N. and S.
- 11.75 Small stream of clear water, 6 lks. wide, course S. 20° W.
- 26.00 Rim of ridge, bears NW. and SE.; descend abrupt SW. slope.
- 39.74 On SW. slope, 340 ft. below ridge.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 2 sec. cor., with brass cap marked
- S 12  
S 13
- 1937
- from which
- A spruce, 30 in. diam., bears S. 42° E., 115 lks. dist., marked S 13 B T.
- A Douglas fir, 18 in. diam., bears N. 22° 15' W., 115 lks. dist., marked S 12 B T.
- 46.20 Stream of clear water, 3 lks. wide, in draw, 170 ft. below 2 sec. cor., course S.; ascend SE. slope.
- 51.00 Spur, 20 ft. above draw, slopes S.; descend SW. slope.
- 65.60 Forest Service trail bears N. 30° W., and S. 30° E.
- 66.75 Stream of clear water, 380 ft. below spur, in draw, course SE.; ascend NE. slope.
- 71.00 Spur, 80 ft. above draw, slopes SE.; descend SW. slope.
- 79.74 True point for cor. of secs. 11, 12, 13, and 14, 200 ft. below spur.
- Land, mountainous.  
Soil, dark mountain loam; rocky; 1st to 2nd rate.  
Timber, spruce, Douglas fir, and scattered aspen, and very scattered juniper.  
Undergrowth, sagebrush, choke cherry, and service berry.  
Medium growth of weeds and grass. Good grazing land.

## Chains

continued

From true point for cor. of secs. 11, 12, 13, and 14.

N.  $0^{\circ} 03'$  W., between secs. 11 and 12.

Ascend SW. slope over mountainous land, through medium dense spruce, and fir timber, and medium dense undergrowth.

0.23 Witness cor. to cor. of secs. 11, 12, 13, and 14.

10.00 Enter scattered spruce and fir, and dense aspen timber, bears E. and W.

23.50 Spur, 375 ft. above true point for sec. cor., slopes SE.; descend NE. slope.

28.00 Stream of clear water, 5 lks. wide, in draw, 20 ft. below spur, course SE.; ascend steep S. slope.

30.50 Forest Service trail, bears NW. and SE.

34.00 Ascend over SW. slope.

40.00 On SW. slope, 350 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked

	1 2 3 4	
S11		S12

1937

from which

A Douglas fir, 14 ins. diam., bears N.  $78^{\circ} 45'$  E., 78 lks. dist., marked  $\frac{1}{2}$  S 12 B T.A Douglas fir, 10 ins. diam., bears S.  $24^{\circ}$  W., 44 lks. dist., marked  $\frac{1}{2}$  S 11 B T.54.00 Spur, 245 ft. above  $\frac{1}{2}$  sec. cor., slopes SW.; thence ascend gradually along SW. slope.

76.50 Forest Service trail, bears NW. and SE.

80.00 On SW. slope, 100 ft. above spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 11, and 12, with brass cap marked

T17S		R5E
S 2		S 1
S11		S12

1937

from which

An aspen, 6 ins. diam., bears N.  $43^{\circ} 30'$  E., 28 lks. dist., marked T17SR5ES1BT.An aspen, 4 ins. diam., bears S.  $45^{\circ}$  E., 29 lks. dist., marked T17SR5ES12BT.An aspen, 6 ins. diam., bears S.  $51^{\circ} 15'$  W., 20 lks. dist., marked T17SR5ES11BT.An aspen, 5 ins. diam., bears N.  $43^{\circ}$  W., 28 lks. dist., marked T17SR5ES2BT.

## SUBDIVISION OF T. 17 S. R. 5 E.

Chains	
40.00	Land, mountainous; rolling and steep slopes.
40.00	Soil, dark rocky mountain loam; 1st to 2nd rate.
40.00	Timber, spruce, Douglas fir, balsam, and aspen.
40.00	Undergrowth, sagebrush, choke cherry, and service berry.
40.00	Medium growth of weeds and grass. Good grazing land.
40.00	
40.00	
40.00	
40.00	S. 89° 54' E., on random line between secs. 1 and 12.
40.00	Set temp. 1/2 sec. cor.
80.60	Intersect E. bdy. of Tp., 5 lks. S. of the cor. of secs.
80.60	1 and 12, heretofore described.
80.60	Thence
80.60	N. 89° 56' W., on true line between secs. 1 and 12.
80.60	Ascend steep NE. slope over mountainous land, through
80.60	medium dense undergrowth.
80.60	Enter scattered fir timber, bears N. and S.
80.60	Enter scattered aspen timber, leaving fir, bears N. and S
80.60	Trail of Forest Service, bears NW. and SE.
80.60	Leave timber.
80.60	Rim of Reader Ridge, 930 ft. above sec. cor., bears NW.
80.60	and S. 70° E.; thence over rolling top of ridge.
80.60	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
80.60	the ground, for 1/2 sec. cor., with brass cap marked
80.60	S 1
80.60	S 12
80.60	1837 from which
80.60	A timber pine, 18 ins. diam., bears N. 14° W., 420
80.60	lvs. dist., marked S 1 B T.
80.60	No other suitable bearing trees available. Raise a mound
80.60	of stone, 3 ft. base, 2 ft. high N. of cor.
80.60	Rim of ridge, bears NW. and SE.; descend over rolling
80.60	SW. slope, entering aspen timber, bears NW. and SE.
80.60	The cor. of secs. 1, 2, 11, and 12, 590 ft. below ridge.
80.60	Land, mountainous; rolling and steep slopes.
80.60	Soil, dark, mountain loam; rocky; 1st to 2nd rate.
80.60	Timber, Douglas fir, balsam, and aspen on portions of
80.60	mile.
80.60	Undergrowth, sagebrush and scattered choke cherry and
80.60	service berry; medium growth of weeds and grass.
80.60	Good grazing land.
80.60	
80.60	
80.60	N. 0° 03' W., on random line between secs. 1 and 2.
80.60	Set temp. 1/2 sec. cor.
80.60	Intersect N. bdy. of Tp., 14 lks. E. of the cor. of secs.
80.60	of 1, 2, 35, and 36, heretofore described.
80.60	Thence

SUBDIVISION OF T. 17 S., R. 5 E.

327

Chains

S.  $0^{\circ} 10'$  E., on true line between secs. 1, and 2.

Ascend NE. slope, over mountainous land, through medium dense fir and spruce timber, and scattered undergrowth.

3.00 Rim of Reeder Ridge, 40 ft. above sec. cor., bears NW. and SE.; thence over rolling top of ridge, leaving timber.

16.10 Forest Service trail, bears NW. and SE.

18.10 Small stream of clear water, 2 lks. wide, course SE.

22.00 Enter scattered aspen timber, bears NW. and SE.

29.11 On rolling top of Reeder Ridge, and on gentle SW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in mound of stone to top, for sec. cor., with brass cap marked

$$\begin{array}{c} 4 \\ S\ 2 \mid S\ 1 \end{array}$$

1937

from which

An aspen, 6 ins. diam., bears S.  $82^{\circ}$  E., 84 lks. dist., marked S 1 B T.

An aspen, 8 ins. diam., bears S.  $14^{\circ} 45'$  W., 90 lks. dist., marked S 2 B T.

45.00 Rim of ridge, bears NW. and SE.; descend S. slope, entering medium dense aspen timber.

67.10 Stream of clear water, 4 lks. wide, in draw, 730 ft. below ridge, course S.  $30^{\circ}$  W.; descend gradually along SW. slope.

69.11 The cor. of secs. 1, 2, 11, and 12.

Land, mountainous.

Soil, dark mountain loam; rocky; 1st and 2nd rate.

Timber, Douglas fir, balsam and spruce on portion of mile, and aspen on portion of mile.

Undergrowth, scattered sagebrush, choke cherry, and service berry; medium growth of weeds and grass.

Good grazing land.

From the cor. of secs. 34 and 35, on S. bdy. of Tp., which is an iron post, 2 ins. diam., set, marked, and witnessed as described in field notes of T. 18 S., R. 5 E., of this group.

N.  $0^{\circ} 03'$  W., between secs. 34 and 35.

Descend N. slope, over mountainous land, through scattered fir, spruce, and aspen timber, and oak, sagebrush, and service berry undergrowth.

5.00 Small draw, course N.  $30^{\circ}$  E.

14.25 Seely Creek, a stream of clear water, 30 lks. wide, in canyon, 230 ft. below sec. cor., course E.; ascend abruptly S. slope, leaving fir and spruce, and entering scattered juniper and limber pine.

# SUBDIVISION OF T. 17 S., R. 5 E.

Chains

39.00 On S. slope, 450 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$
S34   S35

1936

from which

A juniper, 6 ins. diam., bears N.72°45'E., 92 lks. dist., marked  $\frac{1}{4}$  S 35 B T.

A juniper, 12 ins. diam., bears S. 36° W., 48 lks. dist., marked  $\frac{1}{4}$  S 34 B T.

40.80 Telephone line of Forest Service, bears E. and W.

53.90 Road, bears E. to Castle Dale, Ut., and W. to Ephraim, Ut.

64.00 Top of abrupt ascent, bears E. and W.; thence ascend gradual S. slope over rolling land,

73.00 Enter medium dense aspen timber, bears E. and W.

75.00 Old road, bears NE. and SW.

75.15 Small stream of clear water, 3 lks. wide, in draw, course SW.; ascend over rolling SE. slope.

80.00 On gentle SE. slope, 720 ft. above  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 26, 27, 34, and 35, with brass cap marked

T17S   R5E
S27   S26
S34   S35

1936

from which

An aspen, 7 ins. diam., bears N.40° 15'E., 34 lks. dist., marked T17SR5ES26BT.

An aspen, 7 ins. diam., bears S.43° 15'E., 32 lks. dist., marked T17SR5ES35BT.

An aspen, 7 ins. diam., bears S.53° 30'W., 31 lks. dist., marked T17SR5ES34BT.

An aspen, 7 ins. diam., bears N. 45° W., 29 lks. dist., marked T17SR5ES27BT.

Land, mountainous; S. exposure.

Soil, rocky sandy clay loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, juniper, limber pine, and aspen on portions of mile.

Undergrowth, sagebrush and scattered oak, choke cherry and service berry; medium growth of weeds and grass.

Good grazing land.

East, on random line between secs. 26 and 35.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

# SUBDIVISION OF T. 17 S., R. 5 E.

Chains

79.96 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 25, 26, 35, and 36.

Thence

N. 89° 57' W., on true line between secs. 26 and 35.

Ascend gentle S. slope over rolling mountainous land, through scattered aspen timber, and medium dense undergrowth.

14.00 Top of ascent, 70 ft. above sec. cor., slopes S.; thence descend gradually over rolling S. slope.

22.00 Enter medium dense aspen, and scattered fir and spruce timber, bears N. and S.

23.00 Small draw, 50 ft. below top of ascent, course S.; ascend slightly over rolling S. slope.

34.00 Top of ascent, 40 ft. above draw, slopes S.; thence over rolling S. slope.

39.98 On S. side of small basin.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$  S 26

S 35

1936

from which

An aspen, 7 ins. diam., bears S. 62° W., 105 lks. dist., marked  $\frac{1}{4}$  S 35 B T.

An aspen, 7 ins. diam., bears N. 75° 30' W., 166 lks. dist., marked  $\frac{1}{4}$  S 26 B T.

60.00 Ascend over rolling SE. slope.

69.00 Top of ascent, 90 ft. above  $\frac{1}{4}$  sec. cor., slopes S.; descend gentle SW. slope

78.00 Draw, 130 ft. below top of ascent, course S.; ascend over gentle SE. slope.

78.20 Old road, bears N. 20° E., and S. 20° W.

79.96 The cor. of secs. 26, 27, 34, and 35.

Land, rolling mountains; S. exposure.

Soil, rocky sandy clay loam; 2nd rate.

Timber, aspen, and scattered Douglas fir and spruce.

Undergrowth, medium dense sagebrush, and scattered oak.

and service berry; medium growth of weeds and grass.

Good grazing land.

N. 0° 03' W., between secs. 26 and 27.

Ascend gentle SE. slope over rolling mountainous land, through dense aspen timber and scattered undergrowth.

6.00 Leave timber, bears E. and W.

14.50 Old road, bears E. and W.



SUBDIVISION OF T. 17 S., R. 5 E.

Chains

15.00 Enter grass meadow, and scattered aspen, spruce, and fir timber, and willows, bears E. and W.

21.50 Leave meadow, bears E. and W.; ascend steep S. slope.

32.00 Enter dense spruce, fir, and scattered aspen and limber pine timber, bears E. and W.

40.00 On S. slope, 480 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S27 | S26  
 1936

from which

A Douglas fir, 14 ins. diam., bears S.24° 15'E., 42 lks. dist., marked  $\frac{1}{4}$  S 26 B T.

A limber pine, 24 ins. diam., bears N.76° 30'W., 81 lks. dist., marked  $\frac{1}{4}$  S 27 B T.

Continue ascent over S. slope, entering scattered timber and dense sagebrush, and scattered oak and service berry, bears E. and W.

63.00 Top of ascent on point of Swasey Ridge, 570 ft. above  $\frac{1}{4}$  sec. cor., slopes SE.; descend steep NE. slope, entering medium dense spruce, fir, and scattered aspen timber, and scattered undergrowth.

80.00 On NE. slope, 140 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 22, 23, 26, and 27; with brass cap marked

T17S | R5E  
 S22 | S23  
 S27 | S26

1936

from which

A balsam, 12 ins. diam., bears N.1° E., 43 lks. dist., marked T17SR5ES23BT.

A balsam, 12 ins. diam., bears S.53° 30'E., 39 lks. dist., marked T17SR5ES26BT.

A balsam, 12 ins. diam., bears S.64° 30'W., 17 lks. dist., marked T17SR5ES27BT.

A balsam, 18 ins. diam., bears N. 12° W., 69 lks. dist., marked T17SR5ES22BT.

Land, mountainous.

Soil, rocky mountain loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, sagebrush, service berry, and oak; medium growth of weeds and grass. Good grazing land.

Chains		and 20
	S. 89° 57' E., on random line between secs. 23 and 26.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
79.84	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 23, 24, 25, and 26.	03.15 00.52
	Thence	00.04
	West, on true line between secs. 23 and 26.	
	Descend SW. slope over mountainous land, through medium dense fir, spruce, juniper, and scattered aspen timber, and sagebrush, and scattered oak undergrowth.	
13.00	Old road, bears N. and S.	
14.40	Stream of clear water, 10 lks. wide, in bottom of Little Canyon, 230 ft. below sec. cor., course SE.; ascend NE. slope, entering scattered aspen, fir, and spruce timber, and choke cherry and sagebrush undergrowth.	
27.00	Enter medium dense fir, spruce, and scattered aspen timber, bears NW. and SE.	
39.92	On NE. slope, 560 ft. above canyon.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground to solid rock, and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked	
	$\frac{1}{4}$ S 23	
	S 26	
	1936	from which
	An aspen, 6 ins. diam., bears N. 63° 15' E., 31 lks. dist., marked $\frac{1}{4}$ S 23 B T.	
	An aspen, 6 ins. diam., bears S. 43° E., 9 lks. dist., marked $\frac{1}{4}$ S 26 B T.	
45.00	Leave timber, bears NW. and SE.	
47.00	Top of ascent, 110 ft. above $\frac{1}{4}$ sec. cor., bears NW. and descend SW. slope	
51.50	Old road, bears NW. and SE.; enter scattered fir, spruce and aspen timber.	
54.00	N. end of basin, or swamp, extends S. about 10 chs., and is about 3 chs. wide; 60 ft. below top of ascent; ascend E. slope,	
58.50	Enter dense willows, bears N. and S.	
63.00	Leave willows, and enter medium dense fir, spruce, and scattered aspen timber, bears N. and S.	
79.84	The cor. of secs. 22, 23, 26, and 27, 770 ft. above basin	
	Land, mountainous.	
	Soil, rocky dark mountain loam; 2nd to 3rd rate.	
	Timber, spruce, Douglas fir, balsam, and aspen.	
	Undergrowth, sagebrush, choke cherry, and oak; medium growth of weeds and grass.	
	Good grazing land.	

## SUBDIVISION OF T. 17 S., R. 5 E.

## Chains

N. 0° 03' W., between secs. 22 and 23.

Ascend along steep E. slope, over mountainous land, through medium dense fir, spruce, and scattered aspen timber, and scattered undergrowth.

10.00 Top of ascent, 50 ft. above sec. cor., slopes E.; descend NE. slope.

40.00 On steep NE. slope, 330 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S22 | S23

1937

from which

A balsam, 6 ins. diam., bears S. 73° E., 4 lks. dist., marked  $\frac{1}{4}$  S 23 B T.

A balsam, 8 ins. diam., bears S. 12° 15' W., 80 lks. dist., marked  $\frac{1}{4}$  S 22 B T.

56.20 Stream of clear water, 15 lks. wide, in bottom of Little Canyon, 275 ft. below  $\frac{1}{4}$  sec. cor., course SE.; ascend SW. slope.

66.40 Old road, bears NW. and SE.

69.50 Small stream of clear water, 3 lks. wide, course W. into N. end of small lake; edge of lake, bears E. 20 lks. dist., and extends about 8 chs., S. 30° E., and is about 6 chs. wide.

80.00 On rolling SW. slope, 300 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 14, 15, 22, and 23, with brass cap marked

T17S | R5E  
S15 | S14  
S22 | S23

1937

from which

A balsam, 24 ins. diam., bears N. 37° 15' E., 34 lks. dist., marked T17SR5ES14BT.

A balsam, 24 ins. diam., bears S. 14° E., 84 lks. dist., marked T17SR5ES23BT.

A balsam, 6 ins. diam., bears S. 35° 30' W., 18 lks. dist., marked T17SR5ES22BT.

A balsam, 6 ins. diam., bears N. 16° 15' W., 42 lks. dist., marked T17SR5ES15BT.

Land, mountainous.

Soil, rocky dark mountain loam; 2nd rate.

Timber, medium dense spruce, balsam, Douglas fir, and scattered aspen.

Undergrowth, scattered sagebrush, choke cherry, and service berry; medium growth of weeds and grass.

Good grazing land.

## SUBDIVISION OF T. 17 S. 34 E. B. 12

Chains		entire
	East, on random line between secs. 14 and 23.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
79.90	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 13, 14, 23, and 24.	
	Thence	
	N. 89° 58' W., on true line between secs. 14 and 23.	
	Ascend slightly over gently rolling mountainous land, through scattered undergrowth	
3.00	Enter medium dense aspen, and scattered fir and spruce timber, bears N. and S.	
15.00	Leave timber, bears N. and S.	
25.00	Enter medium dense aspen, and scattered fir and spruce timber, bears N. and S.	
39.95	On gentle SE. slope, 90 ft. above sec. cor.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked	
	$\frac{1}{4}$ S 14	
	S 23	
	1937	from which
	An aspen, 10 ins. diam., bears N. 45° 30' E., 129 lks. dist., marked $\frac{1}{4}$ S 14 B T.	
	An aspen, 10 ins. diam., bears S. 21° 30' W., 270 lks. dist., marked $\frac{1}{4}$ S 23 B T.	
55.70	Old road, bears NE. and SW.	
66.10	Old road, bears NE. and SW.; ascend abrupt E. slope, bears N. and S.	
71.00	Top of ascent, 300 ft. above $\frac{1}{4}$ sec. cor., slopes SE.; descend SW. slope.	
79.90	The cor. of secs. 14, 15, 22, and 23, 25 ft. below top of ascent.	
	Land, rolling mountains.	
	Soil, rocky dark mountain loam; 2nd rate.	
	Timber, aspen, and scattered spruce, balsam, and Douglas fir.	
	Undergrowth, scattered sagebrush, choke cherry, and oak; medium growth of weeds and grass. Good grazing land.	
	N. 0° 03' W., between secs. 14 and 15.	
	Ascend SW. slope over mountainous land, through medium dense spruce, fir, and scattered aspen timber, and scattered undergrowth.	
5.00	Top of ascent, 90 ft. above sec. cor., slopes S. 60° E.; descend NE. slope.	
7.50	Small draw, 50 ft. below top of ascent, course S. 60° E.; ascend steep SE. slope.	

## Chains

22.00 Leave timber, bears NE. and SW.

From this point, line passes over abrupt SE. face of spur, over ledges over which chaining is impracticable. To pass ledges I offset as follows:-

East, 8.00 chs., thence

N. 0° 03' W., on offset line, with continuous measurement.

40.00 True point for  $\frac{1}{4}$  sec. cor. falls on face of spur, on ledges where it is impracticable to set cor. monument.

56.00 Offset, West, 8.00 chs. to true line; thence

S. 0° 03' E., 12.00 chs. to

44.00 Point of spur, 450 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for witness cor to  $\frac{1}{4}$  sec. cor. with brass cap marked

$\frac{1}{4}$   
 S15 | S14  
 WC  
 1937

raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high W. of cor.  
 N. 0° 03' W., continuing measurement.  
 Descend NE. slope.

57.00 Enter medium dense fir, spruce, and scattered aspen timber, bears NE. and SW.

70.70 Stream of clear water, 5 lks. wide, at foot of abrupt NE. slope, 420 ft. below witness cor. to  $\frac{1}{4}$  sec. cor., course SE.; thence over gently rolling NE. slope.

78.60 Old road, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and in mound of stone to top, for cor. of secs. 10, 11, 14, and 15, with brass cap marked

T17S | R5E  
 S10 | S11  
 S15 | S14

1937

from which

A balsam, 8 ins. diam., bears N. 49° 15' E., 55 lks. dist., marked T17SR5ES11BT.

A spruce, 24 ins. diam., bears S. 35° 30' E., 144 lks. dist., marked T17SR5ES14BT.

A balsam, 8 ins. diam., bears S. 57° 15' W., 29 lks. dist., marked T17SR5ES16BT.

A spruce, 10 ins. diam., bears N. 28° W., 85 lks. dist., marked T17SR5ES10BT.

Land, mountainous; E. exposure.

Soil, rocky mountain loam; 2nd to 4th rate.

Timber, spruce, Douglas fir, balsam, and scattered aspen on portion of mile.

## SUBDIVISION OF T. 17 S., R. 5 E.

Chains

miles

Undergrowth, scattered sagebrush, choke cherry, and berry; medium growth of weeds and grass.  
Good grazing land.

S. 89° 58'E., on random line between secs. 11 and 14.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.80 Intersect N. and S. line, 5 lks. S. of true point for c. of secs. 11, 12, 13, and 14.

Thence

West, on true line between secs. 11 and 14.

Over mountainous land, through medium dense fir, spruce and scattered aspen timber, and scattered undergrowth.

0.30 Stream of clear water, 30 lks. wide, in Reeder Canyon, course SE.; ascend steep NE. slope.

22.50 Top of ascent, 500 ft. above canyon, slopes N.; descend NW. slope.

32.70 Foot of descent; thence along N. slope.

39.90 On N. slope, 40 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S 11  
S 14

1937

from which

A balsam, 6 ins. diam., bears S. 2° 30'E., 55 lks. dist., marked  $\frac{1}{4}$  S 14 B T.

A balsam, 8 ins. diam., bears N. 5° W., 51 lks. dist., marked  $\frac{1}{4}$  S 11 B T.

42.60 Stream of clear water, 4 lks. wide, in draw, course NE.; ascend steep E. slope.

50.00 Enter medium dense aspen, and scattered fir and spruce timber, bears NW. and SE.

71.00 Rim of canyon, 640 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.; thence over gently rolling land, entering medium dense fir and spruce, and scattered aspen timber,

72.90 Old road, bears NW. and SE.

79.80 The cor. of secs. 10, 11, 14, and 15.

Land, mountainous.

Soil, dark, rocky mountain loam; 2nd rate.

Timber, balsam, Douglas fir, spruce, and aspen.

Undergrowth, scattered choke cherry, service berry and sagebrush; medium growth of weeds and grass.

Good grazing land.

## SUBDIVISION OF T. 17 S., R. 5 E.

Chains

N.  $0^{\circ} 05'$  W., between secs. 10 and 11.

Over gently rolling mountainous land, through medium dense spruce, and fir, and scattered aspen timber, and scattered undergrowth.

7.00 Old road, bears NW. and SE.

32.00 Rim of canyon, bears NW. and SE.; descend abrupt NE. slope

40.00 On NE. slope, 120 ft. below rim of canyon.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S10	S11
-----	-----

1937

from which

A balsam, 7 ins. diam., bears N.  $75^{\circ} 30'$  E., 19 lks. dist., marked S 11 B T.A balsam, 14 ins. diam., bears N.  $78^{\circ} 45'$  W., 9 lks. dist., marked S 10 B T.

42.50 Foot of descent; thence along E. slope.

49.00 Spur, slopes NE.; descend abrupt N. slope.

72.00 Stream of clear water, 30 lks. wide, in bottom of Reeder Canyon, 730 ft. below  $\frac{1}{4}$  sec. cor., course S.  $80^{\circ}$  E.; ascend SW. slope.

80.00 On SW. slope, 100 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, with brass cap marked

T17S	R5E
------	-----

S 3	S 2
-----	-----

S10	S11
-----	-----

1937

from which

An aspen, 6 ins. diam., bears N.  $43^{\circ}$  E., 39 lks. dist., marked T17SR5ES2BT.An aspen, 5 ins. diam., bears S.  $22^{\circ} 30'$  E., 22 lks. dist., marked T17SR5ES11BT.A spruce, 5 ins. diam., bears S.  $41^{\circ} 30'$  W., 64 lks. dist., marked T17SR5ES10BT.An aspen, 5 ins. diam., bears N.  $60^{\circ} 30'$  W., 58 lks. dist., marked T17SR5ES3BT.

Land, mountainous.

Soil, rocky mountain loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and scattered aspen.

Undergrowth, scattered sagebrush, choke cherry, and service berry; medium growth of weeds and grass.

Good grazing land.

Chains		arced 90
	East, on random line between secs. 2 and 11.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
79.80	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 1, 2, 11, and 12.	
	Thence	
	N. $89^{\circ} 55'$ W., on true line between secs. 2 and 11.	
	Along a S. slope, over mountainous land, through medium dense willows.	
1.90	Small stream of clear water, 4 lks. wide, in draw S. $20^{\circ}$ W. ascend along gentle S. slope.	
17.00	Leave willows, entering medium dense aspen and scattered spruce and fir timber, bears N. and S.	
25.00	Top of ascent, 30 ft. above draw, slopes S.; descend W. slope.	
35.00	Enter medium dense spruce and fir, and scattered aspen timber, bears N. and S.	
38.00	Forest Service trail bears NW. and SE.	
39.90	On W. slope, 200 ft. below top of ascent.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked	
	$\begin{array}{r} \frac{1}{4} \quad S \ 2 \\ \hline S \ 11 \end{array}$	
	1937	from which
	An aspen, 5 ins. diam., bears S. $44^{\circ}$ W., 33 lks. dist., marked $\frac{1}{2}$ S 11 B T.	
	An aspen, 6 ins. diam., bears N. $40^{\circ}$ W., 45 lks. dist., marked $\frac{1}{2}$ S 2 B T.	
52.80	Stream of clear water, 6 lks. wide, in draw, 280 ft. below $\frac{1}{4}$ sec. cor., course S. $10^{\circ}$ E.; ascend E. slope.	
58.00	Spur, 130 ft. above draw, slopes S. $20^{\circ}$ E.; descend SW. slope.	
79.80	The cor. of secs. 2, 3, 10, and 11, 70 ft. below spur. Land, mountainous Soil, dark rocky mountain loam; 2nd rate. Timber, aspen, spruce, Douglas fir, and balsam. Undergrowth, willows on portion of mile, and scattered sagebrush, choke cherry, and service berry; medium growth of weeds and grass. Good grazing land.	
	N. $0^{\circ} 10'$ W., on random line between secs. 2 and 3.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
68.94	Intersect N. bdy. of Tp., 8 lks. E. of the cor. of secs. 2, 3, 34, and 35, heretofore described.	
	Thence	



SUBDIVISION OF T. 17 S., R. 5 E.

322

Chains	
	S. 0° 14' E., on true line between secs. 2 and 3.
	Descend SW. slope over mountainous land, through medium dense spruce and fir, and scattered aspen timber, and scattered undergrowth.
1.50	Stream of clear water, 3 lks. wide, in small draw, 20 ft. below sec. cor., course S. 30° E.
15.80	Stream of clear water, 4 lks. wide, in draw 220 ft. below sec. cor., course SE.; thence along E. slope.
28.94	On E. slope, 60 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> <math>\frac{1}{4}</math>  S 3   S 2  1937 </div>
	from which
	A balsam, 12 ins. diam., bears N. 26° 15' E., 147 lks. dist., marked $\frac{1}{4}$ S 2 B T.
	A balsam, 8 ins. diam., bears S. 58° W., 92 lks. dist., marked $\frac{1}{4}$ S 3 B T.
	Continue along E. slope, entering scattered timber.
40.00	Spur, 20 ft. above $\frac{1}{4}$ sec. cor., slopes SE.; Forest Service trail along spur, bears NW. and SE.; descend SW. slope.
62.30	Forest Service trail, bears N. 70° E., and S. 70° W.
68.94	The cor. of secs. 2, 3, 10, and 11, 660 ft. below spur.
	Land, mountainous. Soil, dark rocky mountain loam; 2nd rate. Timber, spruce, Douglas fir, balsam, and aspen. Undergrowth, scattered sagebrush, choke cherry, and service berry; medium growth of weeds and grass. Good grazing land.
	From the cor. of secs. 33 and 34, on S. bdy. of Tp., which is an iron post, 2 ins. diam., set, marked, and witnessed as described in field notes of T. 18 S., R. 5 E., of this group.
	N. 0° 04' W., between secs. 33 and 34:
	Ascend abrupt S. slope, over mountainous land, through scattered spruce, fir, and aspen timber, and medium dense oak, service berry, and sagebrush undergrowth.
12.00	Top of abrupt ascent, 450 ft. above sec. cor., bears NE. and SW.; thence over gentle SE. slope, entering medium dense spruce, fir, and aspen timber.
17.35	Telephone line of Forest Service, bears E. and W.
26.20	Stream of clear water, 3 lks. wide, in small draw, course S. 60° E.; ascend SE. slope.

## SUBDIVISION OF T. 14 N. R. 10 E. S. 10

## Chains

- 31.50 Spur, 40 ft. above draw, slopes E.; descend NE. slope.
- 38.40 Stream of clear water, 6 lks. wide, in draw 20 ft. below spur, course S. 60° E.; ascend SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1 sec. cor., with brass cap marked.

S36	S34
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1936

from which

A spruce, 20 ins. diam., bears N. 42° E., 116 lks. dist., marked S 34 B T.

A spruce, 12 ins. diam., bears N. 44° W., 31 lks. dist., marked S 33 B T.

- 42.00 Enter scattered timber, bears NW. and SE.
- 47.00 Top of ascent, 30 ft. above 1 sec. cor., slopes SE.; descend steep NE. slope.
- 55.45 Stream of clear water, 15 lks. wide, in bottom of Olsens Canyon, 230 ft. below top of ascent; ascend abrupt SW. slope.
- 60.00 Top of ascent, 390 ft. above canyon, slopes SE.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 27, 28, 33, and 34, with brass cap marked

T178	R5E
S28	S27
S33	S34

1936

from which

A spruce, 24 ins. diam., bears N. 33° 30' E., 85 lks. dist., marked T17SR5E827BT.

A spruce, 12 ins. diam., bears S. 40° 15' E., 71 lks. dist., marked T17SR5E834BT.

A spruce, 6 ins. diam., bears S. 11° 30' W., 94 lks. dist., marked T17SR5E833BT.

A spruce, 20 ins. diam., bears N. 54° W., 44 lks. dist., marked T17SR5E828BT.

Land, mountainous; SE. exposure and drainage.  
Soil, rocky, sandy, clay loam; 2nd rate.  
Timber, spruce, Douglas fir, balsam and scattered aspen.  
Undergrowth, sagebrush, oak, service berry and scattered choke cherry; medium growth of weeds and grass.  
Good grazing land.

East, on random line between secs. 27 and 34.

- 40.00 Set temp. 1 sec. cor.
- 75.88 Intersect the cor. of secs. 26, 27, 34, and 35.

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SUBDIVISION OF T. 17 S., R. 5 E.

Chains	
	Thence
	West, on true line between secs. 27 and 34.
	Ascend gentle SE. slope over rolling mountainous land, through medium dense aspen and scattered spruce and fir timber, and scattered sagebrush, service berry, and choke cherry undergrowth.
5.00	Leave timber, enter medium dense sagebrush, bears NW. and SE.
15.50	Top of ascent, 90 ft. above sec. cor., slopes S.; descend NW. slope.
24.00	Old road, bears N. 30°E., and S. 30°W.
25.00	Small draw, 60 ft. below top of ascent, course S. 30° W.; thence over gentle S. slope, entering dense aspen timber, bears N. and S.
31.00	Leave timber, bears N. and S.
39.94	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked
	<div>S 27</div> <div>S 34</div>
	1936
	raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high N. of cor.
42.00	Descend gentle W. slope, bears N. and S.
49.40	Old road, bears NE. and SW.
51.40	Draw, 100 ft. below point of descent; course SE.; dense willows along draw; ascend SE. slope, entering medium dense aspen timber.
54.10	Top of ascent, 30 ft. above draw, bears N. and S.
	From this point,
	A frame cabin, 15 x 12 ft., bears S. 42° 30' W., 1.23 chs.
	A frame cabin, 15 x 12 ft., bears S. 20° W., 331 lks.
	Thence along rolling S. slope.
55.00	Enter medium dense spruce, fir, and scattered aspen timber.
70.00	Descend SW. slope, bears N. and S.
72.50	Road, bears SE. to Castle Dale, Ut., and NW. to Ephraim, Ut.
77.00	Stream of clear water, 5 lks. wide, in draw 60 ft. below point of descent, course S. 20° E.; ascend NE. slope.
79.88	The cor. of secs. 27, 28, 33, and 34, 50 ft. above draw.
	Land, rolling mountains; S. exposure.
	Soil, rocky sandy clay loam; 2nd rate.
	Timber, aspen, spruce, Douglas fir, and balsam.
	Undergrowth, sagebrush, service berry, and scattered oak; medium growth of weeds and grass. Good grazing land.

Chains		called
	N. 0° 04' W., between secs. 27 and 28.	
	Along E. slope over mountainous land, through medium dense spruce, fir, and scattered aspen timber, and undergrowth of sagebrush, service berry, and choke cherry.	
2.80	Stream of clear water, 5 lks. wide, in draw, 15 ft. below sec. cor., course S. 20° E.; ascend SW. slope.	
4.00	Road, bears S. 80° E., to Castle Dale, Utah, and SW. to Ephraim, Utah; bridge, bears SW. 60 lks. dist.	
13.90	Recross stream of water in draw, course S. 20° W.; stream heads at spring which bears N. 22° 30' E., 6.80 chs. from this point; ascend abrupt S. slope	
27.00	Enter scattered timber, bears E. and W.	
32.00	Enter medium dense aspen, bears E. and W.	
35.00	Leave timber, bears E. and W.	
37.00	Point of spur, 620 ft. above sec. cor., projects S. 75° W. about .2 chs.; descend abrupt N. slope, entering dense spruce and fir timber.	
40.00	On abrupt N. slope, 100 ft. below spur.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked	
	<div style="text-align: center;"> <math>\frac{1}{4}</math>  S28   S27  1937 </div>	from which
	A Douglas fir, 12 ins. diam., bears N. 26° 15' E., 25 lks. dist., marked $\frac{1}{4}$ S 27 B T.	
	A balsam, 12 ins. diam., bears S. 76° W., 32 lks. dist., marked $\frac{1}{4}$ S 28 B T.	
43.70	Stream of clear water, 5 lks. wide, in ravine, 100 ft. below $\frac{1}{4}$ sec. cor., course S. 70° W.; ascend abrupt S. slope.	
63.00	Top of abrupt ascent, bears NE. and SW.; ascend SE. slope.	
80.00	On SE. slope, 780 ft. above ravine.	
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, with brass cap marked	
	<div style="text-align: center;"> T17S   R5E  S21   S22  S28   S27 </div>	from which
	A spruce, 24 ins. diam., bears N. 19° 45' E., 128 lks. dist., marked T17SR5ES22BT.	
	A balsam, 8 ins. diam., bears S. 89° 45' E., 49 lks. dist., marked T17SR5ES27BT.	
	A limber pine, 14 ins. diam., bears S. 78° W., 402 lks. dist., marked T17SR5ES28BT.	

## SUBDIVISION OF T. 17 S., R. 5 E.

Chains	
...	A balsam, 6 ins. diam., bears N. 30° 15' W., 134 lks. dist., marked T17SR5ES21BT.
...	Land, mountainous.
...	Soil, dark rocky mountain loam; 2nd rate.
...	Timber, spruce, Douglas fir, balsam, and aspen.
...	Undergrowth, sagebrush, service berry, and choke cherry.
...	Medium growth of weeds and grass. Good grazing land.
<hr/>	
	East, on random line between secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.78	Intersect N. and S. line, 30 lks. S. of the cor. of secs. 22, 23, 26, and 27.
	Thence
	S. 89° 47' W., on true line between secs. 22 and 27.
	Ascend abrupt E. slope over mountainous land, through medium dense spruce, fir, and scattered aspen timber, and scattered undergrowth.
8.00	Rim of Swasey Ridge, 310 ft. above sec. cor., bears N. and S.; thence over rolling top of ridge.
32.00	Enter very scattered timber, bears N. and S.
39.89	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{l} S \ 22 \\ S \ 27 \end{array}$
	1937 from which
	A balsam, 12 ins. diam., bears N. 44° W., 218 lks. dist., marked $\frac{1}{4}$ S 22 B T.
	No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.
58.00	Enter scattered clumps of balsam and aspen timber.
68.00	Rim of Swasey Ridge, bears NW. and SE.; descend SW. slope.
78.50	Head of ravine, 50 ft. below rim of ridge, course S.; ascend SE. slope.
79.78	The cor. of secs. 21, 22, 27, and 28, 20 ft. above ravine.
	Land, mountainous; rolling top of ridge and steep slopes.
	Soil, rocky sandy clay loam; 2nd rate.
	Timber, spruce, Douglas fir, balsam, and aspen.
	Undergrowth, scattered sagebrush, choke cherry, and service berry; medium growth of weeds and grass.
	Good grazing land.
<hr/>	
	N. 0° 04' W., between secs. 21 and 22.
	Ascend gentle SE. slope over rolling mountainous land, through scattered timber, and scattered undergrowth.

## Chains

6.00 Rim of Swasey Ridge, 40 ft. above sea level, bears E., SW.; thence over rolling top of ridge, through scattered clumps of balsam and spruce timber.

40.00 On rolling top of Swasey Ridge, 110 ft. above sea level. Set an iron post, 5 ft. long, 1 in. diam., 27 ins. in the ground, for 1 sec. cor., with brass cap marked

S21	S22
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1937

from which

A spruce, 10 ins. diam., bears S. 14° 45' E., 361 lks. dist., marked  $\frac{1}{2}$  S 22 B T.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2½ ft. high W. of cor.

62.00 Enter medium dense spruce, fir, and scattered aspen timber, bears NW. and SE.

70.00 Rim of Swasey Ridge, bears NW. and SE.; descend abrupt slope.

80.00 On NE. slope, 300 ft. below rim of ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21, and 22, with brass cap marked

T17S	R5E
S16	S15
S21	S22

1937

from which

A spruce, 14 ins. diam., bears N. 31° 15' E., 163 lks. dist., marked T17SR5ES15BT.

A balsam, 12 ins. diam., bears S. 14° E., 119 lks. dist., marked T17SR5ES22BT.

A balsam, 8 ins. diam., bears S. 41° 15' W., 71 lks. dist., marked T17SR5ES21BT.

A spruce, 18 ins. diam., bears N. 4° 30' W., 296 lks. dist., marked T17SR5ES16BT.

Land, rolling mountain top with abrupt slopes on N. portion. Soil, dark, rocky mountain loam; 2nd rate.

Timber, scattered balsam and spruce on S. portion of mile, and medium dense spruce, balsam, and scattered aspen on N. portion of mile.

Undergrowth, scattered sagebrush, deer browse, and service berry; medium growth of weeds and grass.

Good grazing land.

N. 89° 57' E., on random line between secs. 18 and 22

40.00 Set temp. 1 sec. cor.

78.80 Intersect N. and S. line, 14 lks. N. of the cor. of sec. 14, 15, 22, and 23.

## Chains

Thence

S. 89° 53' W., on true line between secs. 15 and 22.

Descend along gentle SW. slope over mountainous land, through medium dense spruce, fir, and scattered aspen timber, and scattered undergrowth.

12.15 From this point, make ties to sawmill as follows:-

S. 17° 45' E., 8.60 chs. dist. to point from which

Steam engine at saw mill, bears S. 6° 30' W., 160 lks.

SE. cor. of log cabin, 18 x 12 ft., bears N. 28° 30' W., 38 lks.

SE. cor. of log cabin, 18 x 12 ft., bears S. 89° E., 235 lks.

SW. cor. of frame cabin, 18 x 15 ft., bears S. 89° E., 264 lks.

SW. cor. of log cabin, 20 x 12 ft., bears S. 86° E., 397 lks.

SW. cor. of log cabin, 24 x 12 ft., bears S. 71° E., 385 lks.

17.00 Stream of clear water, 10 lks. wide, course S. 30° W.

20.10 Old road, bears N. 60° W., and S. 60° E.

25.00 Bottom of Little Canyon, bears N. 60° W., and S. 60° E., thence over rolling bottom, leaving timber, and entering willows

29.00 Leave willows, and enter medium dense spruce, fir, and scattered aspen timber, bears N. and SE.

29.60 Creek, stream of clear water, 20 lks. wide, course S. 60° E., 120 ft. below sec. cor.

34.00 Leave canyon, bears N. 60° W., and S. 60° E.; ascend NE. slope

36.20 Old road, bears N. 60° W., and S. 60° E.

39.90 On NE. slope, 120 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for a sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S 15}{S 22}$$

1937

from which

A balsam, 12 ins. diam., bears N. 65° 45' E., 9 lks. dist., marked  $\frac{1}{4}$  S 15 B T.A balsam, 8 ins. diam., bears S., 8 lks. dist., marked  $\frac{1}{4}$  S 22 B T.79.80 The cor. of secs. 15, 16, 21, and 22, 430 ft. above  $\frac{1}{4}$  sec. cor.

Land, mountainous.

Soil, dark rocky mountain loam; 2nd rate.

Timber, spruce, balsam, Douglas fir, and scattered aspen.

Undergrowth, scattered sagebrush, choke cherry, and service berry; dense willows along canyon.

Medium growth of weeds and grass. Good grazing land.

Chains

extended

N. 0° 04' W., between secs. 15 and 16. ascend

Descend NE. slope over mountainous land, through medium dense timber, and scattered undergrowth.

29.30 Old road, bears N. 60° W., and S. 60° E.

30.30 Stream of clear water, 30 lks. wide, in bottom of canyon 275 ft. below sec. cor., course S. 60° E.; ascend SW. slope.

40.00 On SW. slope, 170 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\begin{array}{c} \frac{1}{4} \\ | \\ S16 \quad | \quad S15 \\ | \\ 1937 \end{array}$$

from which

An aspen, 8 ins. diam., bears S. 31° 15' E., 119 lks. dist., marked  $\frac{1}{4}$  S 15 B T.An aspen, 8 ins. diam., bears N. 62° 45' W., 72 lks. dist., marked  $\frac{1}{4}$  S 16 B T.53.00 Rim of spur, 360 ft. above  $\frac{1}{4}$  sec. cor., bears N. 60° W., and S. 60° E.; thence ascend gradually over rolling top of spur, leaving timber.

68.00 Edge of timber, bears N. and S. 70° E.; thence along edge of timber.

80.00 On gentle SW. slope, 230 ft. above rim of spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15, and 16, with brass cap marked

$$\begin{array}{c} T17S \quad | \quad R5E \\ \hline S.9 \quad | \quad S10 \\ \hline S16 \quad | \quad S15 \end{array}$$

1937

from which

A balsam, 12 ins. diam., bears N. 5° 30' E., 33 lks. dist., marked T17SR5ES10BT.

A balsam, 8 ins. diam., bears S. 81° 15' E., 49 lks. dist., marked T17SR5ES15BT.

A balsam, 14 ins. diam., bears N. 13° 45' W., 75 lks. dist., marked T17SR5ES9BT.

Land, mountainous.

Soil, dark rocky mountain loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and scattered aspen on portions of mile.

Undergrowth, scattered sagebrush, service berry, and choke cherry; medium growth of weeds and grass.

Good grazing land.



Chains	
	N. 89° 53' E., on random line between secs. 10 and 15.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.02	Intersect N. and S. line, 14 lks. N. of the cor. of secs. 10, 11, 14 and 15.
	Thence
	S. 89° 59' W., on true line between secs. 10 and 15.
	Ascend gentle E. slope over rolling mountainous land, through medium dense timber, and scattered undergrowth.
1.00	Old road, bears NW. and SE.
15.00	Ascend abrupt NE. slope, bears NW. and SE.
25.00	Enter scattered timber, bears NW. and SE.
38.00	Rim of spur, 820 ft. above sec. cor., projects SE.; thence over rolling top of spur.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock, and in mound of stone to top, for $\frac{1}{2}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S\ 10}{S\ 15}$
	1937 from which
	A limber pine, 16 ins. diam., bears S. 44° 45' W., 590 lks. dist., marked $\frac{1}{4}$ S 15 B T.
	A balsam, 12 ins. diam., bears N. 85° 30' W., 740 lks. dist., marked $\frac{1}{4}$ S 10 B T.
47.00	Enter medium dense timber, bears NE. and SW.
53.00	Leave timber, bears N. and S.
62.00	Enter scattered timber.
80.02	The cor. of secs. 9, 10, 15, and 16.
	Land, mountainous; steep slopes on E. portion, and rolling on W. portion.
	Soil, dark rocky mountain loam; 2nd rate.
	Timber, spruce, Douglas fir, balsam, and scattered aspen on portions of mile.
	Undergrowth, scattered sagebrush and service berry; medium growth of weeds and grass. Good grazing land.
	<hr/>
	N. 0° 04' W., between secs. 9 and 10.
	Ascend gentle SW. slope over rolling top of spur, through scattered timber, and scattered undergrowth.
23.00	Rim of spur, 150 ft. above sec. cor., bears N. 60° W., and S. 60° E.; descend abrupt N. slope, entering dense timber.
40.00	On abrupt N. slope, 330 ft. below rim of spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

Chains

S11S10

the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

1. sec. cor. 100.00

S 9 S10 80.08

1937 from which

A Douglas fir, 14 ins. diam., bears N. 35° E., 33 lks. dist., marked  $\frac{1}{4}$  S 10 B T.A Douglas fir, 14 ins. diam., bears S. 50° 30' W., 39 lks. dist., marked  $\frac{1}{4}$  S 9 B T.64.40 Stream of water, 6 lks. wide, in draw, 690 ft. below  $\frac{1}{4}$  sec. cor., course N. 35° E.; ascend along E. slope.

70.10 Top of ascent, 20 ft. above draw, slopes NE.; descend NE. slope.

80.00 On NE. slope, 150 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, with brass cap marked

T17S | R5E

S 4 | S 3

S 9 | S10

1937

from which

A Douglas fir, 16 ins. diam., bears N. 36° E., 84 lks. dist., marked T17SR5ES3BT.

A Douglas fir, 20 ins. diam., bears S. 22° 30' E., 135 lks. dist., marked T17SR5ES10BT.

A balsam, 10 ins. diam., bears S. 42° W., 82 lks. dist., marked T17SR5ES9BT.

A Douglas fir, 16 ins. diam., bears N. 44° 45' W., 87 lks. dist., marked T17SR5ES4BT.

Land, mountainous; S. portion rolling top of spur, and N. portion, steep slopes.

Soil, dark rocky mountain loam; 2nd rate.

Timber, spruce, Douglas fir, and balsam; scattered on S. portion and dense on N. portion of mile.

Undergrowth, scattered sagebrush, service berry, and chokeberry; medium growth of weeds and grass.

Good grazing land.

N. 89° 59' E., on random line between secs. 3 and 10.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.90 Intersect N. and S. line, 19 lks. S. of the cor. of secs. 2, 3, 10, and 11.

Thence

S. 89° 51' W., on true line between secs. 3 and 10.

Ascend slightly along rolling S. slope, over mountainous land, through medium dense timber, and scattered undergrowth.

SUBDIVISION OF T. 17 S., R. 5 E.

0579-1

Chains	
18.40	Stream of clear water, 6 lks. wide, in small draw, course S. 30°E.; continue along S. slope.
30.60	Small stream of clear water, 2 lks. wide, course S.
30.70	Forest Service trail, bears N. and S.
39.95	On gentle S. slope, 150 ft. above sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \text{S } 3 \\ \hline \text{S } 10 \end{array}$
	1937 from which
	An aspen, 8 ins. diam., bears N. 50°E., 62 lks. dist., marked $\frac{1}{4}$ S 3 B T.
	An aspen, 10 ins. diam., bears S. 39° 15'E., 53 lks. dist., marked $\frac{1}{4}$ S 10 B T.
57.30	Stream of clear water, 20 lks. wide, in bottom of Reeder Canyon, 50 ft. above $\frac{1}{4}$ sec. cor., course SE.; ascend NE. slope.
64.00	Top of ascent, 70 ft. above canyon, slopes N.; descend NW. slope.
65.00	Stream of clear water, 6 lks. wide, in draw, 20 ft. below top of ascent, course N. 30°E.; ascend E. slope.
69.00	Ascend NE. slope.
79.90	The cor. of secs. 3, 4, 9, and 10, 80 ft. above draw. Land, mountainous. Soil, dark rocky mountain loam; 2nd rate. Timber, Douglas fir, balsam, spruce, and scattered aspen. Undergrowth, scattered service berry, deer browse, and sagebrush; medium growth of weeds and grass. Good grazing land.
	N. 0° 14'W., on random line between secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
69.28	Intersect N. bdy. of Tp., 12 lks. E. of the cor. of secs. 3, 4, 33, and 34, heretofore described.
	Thence
	S. 0° 20'E., on true line between secs. 3 and 4.
	Descend gentle S. slope, over rolling mountainous land, through medium dense timber, and scattered undergrowth.
8.00	Rim of canyon, bears E. and W.; descend over abrupt S. slope.
29.28	On abrupt S. slope, 625 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains

201420

S 4 S 3

1937

from which

A spruce, 18 ins. diam., bears N. 80° E., 71 lks. dist., marked  $\frac{1}{4}$  S 3 B T.

An aspen, 9 ins. diam., bears N. 1° 30' W., 20 lks. dist., marked  $\frac{1}{4}$  S 4 B T.

- 34.50 Descent becomes more gradual, bears E. and W.
- 58.80 Stream of clear water, 20 lks. wide, in Reeder Canyon, 430 ft. below  $\frac{1}{4}$  sec. cor., course S. 70° E.; ascend NE. slope.
- 69.28 The cor. of secs. 3, 4, 9, and 10, 120 ft. above canyon.

Land, mountainous.

Soil, dark rocky mountain loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and scattered aspen

Undergrowth, scattered sagebrush, gooseberry, and deer browse; medium growth of weeds and grass.

Good grazing land.

From the cor. of secs. 32 and 33, on S. bdy. of Tp., which is an iron post, 2 ins. diam., set, marked, and witnessed as described in field notes of T. 18 S., R. 5 E. this group.

N. 0° 05' W., between secs. 32 and 33.

Ascend S. slope over mountainous land, through medium dense spruce, fir, and scattered aspen timber, and scattered undergrowth.

- 6.00 Enter medium dense aspen and scattered spruce and fir timber, bears E. and W.
- 14.00 Enter scattered spruce, fir, and aspen timber.
- 14.90 Telephone line of Forest Service, bears E. and W.
- 26.00 Top of ascent, bears E. and W.; thence over gently rolling land, entering swamp.
- 28.00 Leave swamp, bears NE. and SW.
- 31.70 Small stream of clear water, 5 lks. wide, course SW.
- 40.00 On gentle S. slope, 400 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S32 S33

1936

from which

A spruce, 6 ins. diam., bears N. 51° 30' E., 27 lks. dist., marked  $\frac{1}{4}$  S 33 B T.

A spruce, 10 ins. diam., bears N. 42° 30' W., 77 lks. dist., marked  $\frac{1}{4}$  S 32 B T.

## SUBDIVISION OF T. 17 S., R. 5 E.

Chains							
41.00	Road, bears E. to Castle Dale, Utah and W. to Ephraim, Ut. ascend abrupt S. slope, broken by small ledges, bears E. and W.						
70.00	Point of spur, 1050 ft. above $\frac{1}{4}$ sec. cor., projects S. 60° E.; descend gentle NE. slope over rolling top of spur.						
80.00	On gentle NE. slope, 30 ft. below top of spur.  Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32, and 33, with brass cap marked						
	<table> <tr> <td>T17S</td><td>R5E</td></tr> <tr> <td>S29</td><td>S28</td></tr> <tr> <td>S32</td><td>S33</td></tr> </table>	T17S	R5E	S29	S28	S32	S33
T17S	R5E						
S29	S28						
S32	S33						
	1936 from which						
	A balsam, 12 ins. diam., bears N. 61° E., 140 lks. dist., marked T17SR5ES28BT.						
	An aspen, 8 ins. diam., bears S. 86° E., 140 lks. dist., marked T17SR5ES33BT.						
	A spruce, 8 ins. diam., bears S. 65° 30' W., 230 lks. dist., marked T17SR5ES32BT.						
	A spruce, 8 ins. diam., bears N. 80° 30' W., 216 lks. dist., marked T17SR5ES29BT.						
	Land, mountainous. Soil, rocky sandy clay loam; 2nd to 3rd rate. Timber, spruce, Douglas fir, balsam, and aspen. Undergrowth, scattered sagebrush, deer browse, and service berry; medium growth of weeds and grass. Good grazing land.						
	East, or random line between secs. 28 and 33.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
80.14	Intersect N. and S. line, 28 lks. S. of the cor. of secs. 27, 28, 33, and 34.						
	Thence						
	S. 89° 48' W., on true line between secs. 28 and 33.						
	Descend SW. slope, over mountainous land, through medium dense spruce, fir, and scattered aspen timber, and medium undergrowth.						
11.00	Stream of clear water, 15 lks. wide, in rocky bottom of Olsens Canyon, 200 ft. below sec. cor., course SE.; ascend NE. slope.						
14.40	Stream of clear water, 5 lks. wide, course S. 60° E.						
27.00	Road, bears NW. and SE.						
34.00	Stream of clear water, 5 lks. wide, course N. 70° E., from W.; thence along stream.						
36.00	Leave stream of water, course E., from SW.						

## SUBDIVISION OF T. 17 S., R. 5 E.

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Chains	
37.30	Road, bears N. to Castle Dale, Ut., and S. to Ephraim, U
40.07	On NE. slope, 150 ft. above canyon.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 28 S 33
	1937 from which
	A Douglas fir, 10 ins. diam., bears S. 6° W., 37 lks. dist., marked $\frac{1}{4}$ S 33 B T.
	A Douglas fir, 14 ins. diam., bears N. 19° 15' W., 53 dist., marked $\frac{1}{4}$ S 28 B T.
69.00	Leave timber, bears NW. and SE.
78.60	Rim of spur, 1040 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; thence over gentle NE. slope on top of spur, entering dense aspen, and scattered spruce, and fir timber.
80.14	The cor. of secs. 28, 29, 32, and 33.
	Land, mountainous; steep broken slopes. Soil, dark rocky mountain loam; 2nd rate. Timber, spruce, Douglas fir, balsam, and scattered aspen. Undergrowth, sagebrush, oak, and service berry. Medium growth of weeds and grass. Good grazing land.
	N. 0° 05' W., between secs. 28 and 29.
	Along gentle E. slope, over rolling top of spur, through scattered spruce, fir, and aspen timber, and scattered undergrowth.
13.00	Enter dense spruce, fir, and scattered aspen timber, bears NW. and SE.
20.00	Rim of spur, bears NW., and S. 20° E.; abrupt descent over NE. slope.
40.00	On abrupt NE. slope, 525 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 29 S 28
	1937 from which
	An aspen, 6 ins. diam., bears N. 80° E., 20 lks. dist., marked $\frac{1}{4}$ S 28 B T.
	A balsam, 8 ins. diam., bears S. 9° W., 29 lks. dist., marked $\frac{1}{4}$ S 29 B T.
58.60	Stream of clear water, 20 lks. wide, in bottom of Olsens Canyon, 550 ft. below $\frac{1}{4}$ sec. cor., course SE.; ascend S. slope.
80.00	On S. slope, 275 ft. above canyon.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28, and 29, with brass cap marked

T17S	R5E
S20	S21
S29	S28

1937

from which

A Douglas fir, 14 ins. diam., bears N.6° 45'E., 81 lks. dist., marked T17SR5ES21BT.

A Douglas fir, 10 ins. diam., bears S.84° 30'E., 53 lks. dist., marked T17SR5ES28BT.

A spruce, 18 ins. diam., bears S.75° 30'W., 176 lks. dist., marked T17SR5ES29BT.

A limber pine, 14 ins. diam., bears N.21° 45'W., 107 lks. dist., marked T17SR5ES20BT.

Land, mountainous.

Soil, dark, rocky mountain loam; 2nd to 3rd rate.

Timber, spruce, Douglas fir, balsam, and scattered aspen, and a few scattered limber pine.

Undergrowth, scattered sagebrush, deer browse, service berry, and choke cherry; medium growth of weeds and grass

Good grazing land.

N. 89° 48'E., on random line between secs. 21 and 28.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.08 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 21, 22, 27, and 28.

Thence

S. 89° 53' W., on true line between secs. 21 and 28,

Ascend gentle SE. slope over rolling mountainous land, through scattered timber, and scattered undergrowth.

6.00 Rim of Swasey Ridge, 50 ft. above sec. cor., bears N.60° E., and S.60° W.; thence over rolling top of ridge, entering medium dense timber.

21.00 Rim of ridge, bears NW. and SE.; descend abrupt SW. slope

40.04 On steep SW. slope, 220 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S 21
	S 28

1937

from which

A limber pine, 12 ins. diam., bears S.69° 45'W., 170 lks. dist., marked  $\frac{1}{4}$  S 28 B T.

A limber pine, 24 ins. diam., bears N.77° W., 226 lks. dist., marked  $\frac{1}{4}$  S 21 B T.

## Chains

46.00 Enter dense choke cherry brush, and scattered timber, bears N. and S.

63.20 Stream of clear water, 6 lks. wide, in draw, 490 ft. below sec. cor., course S.; ascend SE. slope, entering medium dense aspen timber.

80.08 The cor. of secs. 20, 21, 28, and 29, 220 ft. above draw

Land, mountainous.

Soil, dark, rocky mountain loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen, and a few scattered limber pine, on portions of mile.

Undergrowth, dense choke cherry on portion of W. half mile; and scattered choke cherry and sagebrush on E. portion; medium growth of weeds and grass.

Good grazing land.

N.  $0^{\circ} 05'$  W., between secs. 20 and 21.

Ascend SE. slope, over mountainous land, through medium dense spruce, fir, and aspen timber, and scattered undergrowth.

27.80 Rim of bench, 780 ft. above sec. cor., bears N.  $70^{\circ}$  E., and S.  $70^{\circ}$  W.; thence ascend gradually over rolling S. slope over bench.

38.00 Abrupt ascent over S. slope, bears E. and W.

40.00 On abrupt S. slope, 900 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S20 | S21

1937

from which

A balsam, 8 ins. diam., bears N.  $57^{\circ} 45'$  E., 196 lks. dist., marked  $\frac{1}{4}$  S 21 B T.

A balsam, 10 ins. diam., bears S.  $15^{\circ}$  W., 137 lks. dist., marked  $\frac{1}{4}$  S 20 B T.

41.30 Rim of Swasey Ridge, 130 ft. above  $\frac{1}{4}$  sec. cor., bears E. and W.; thence over rolling top of ridge, entering scattered clumps of balsam and spruce timber.

80.00 On rolling top of ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 16, 17, 20, and 21, with brass cap marked

T17S | R5E  
S17 | S16

S26 | S21

1937

from which

A balsam, 12 ins. diam., bears N.  $82^{\circ} 30'$  E., 518 lks. dist., marked T17SR5ES16BT.



## Chains

A balsam, 6 ins. diam., bears S. 4° 30' E., 383 lks. dist., marked T17SR5ES21BT.

A balsam, 14 ins. diam., bears N. 49° W., 657 lks. dist., marked T17SR5ES17BT.

No suitable bearing tree available in sec. 20. Raise a mound of stone, 3 ft. base, 2½ ft. high W. of cor.

Land, mountainous; steep slopes on S. portion and rolling mountain top of N. portion of mile.

Soil, dark rocky mountain loam; 1st and 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered sagebrush and choke cherry on S. portion, and very scattered on N. portion of mile.

Medium growth of weeds and grass. Good grazing land.

N. 89° 53' E., on random line between secs. 16 and 21.

40.00 Set temp. ¼ sec. cor.

80.14 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 15, 16, 21, and 22.

Thence

S. 89° 56' W., on true line between secs. 16 and 21.

Ascend abrupt NE. slope, over mountainous land, through medium dense spruce, and fir, and scattered aspen timber, and scattered undergrowth.

11.00 Rim of Swasey Ridge, 480 ft. above sec. cor., bears NW. and SE.; thence over rolling top of ridge, entering scattered clumps of balsam and spruce timber.

40.07 On rolling top of Swasey Ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

S 16

S 21

1937

from which

A balsam, 10 ins. diam., bears S. 5° 15' E., 395 lks. dist., marked ¼ S 21 B T.

A balsam, 8 ins. diam., bears N. 59° 30' W., 317 lks. dist., marked ¼ S 16 B T.

71.40 Wash, 25 lks. wide, 3 ft. deep, in swale, course S. 15° E.

80.14 The cor. of secs. 16, 17, 20, and 21.

Land, mountainous; steep slopes on portion of E. half mile, and rolling mountain top on remaining portion.

Soil, dark rocky mountain loam; 1st and 2nd rate.

Timber, spruce, balsam, and aspen, on portion of mile.

Undergrowth, scattered sagebrush and choke cherry on

slopes; very scattered sagebrush on mountain top; medium growth of weeds and grass on entire mile.

Good grazing land.

S. 17 E. 15 N.

Chains

N. 0° 05' W., between secs. 16 and 17, and 4

Over rolling top of Swasey Ridge, through scattered clumps of balsam and spruce timber, and medium dense weeds and grass.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

SI7	SI6
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1937

from which

A spruce, 12 ins. diam., bears N. 21° 45' E., 187 lks. dist., marked  $\frac{1}{4}$  S 16 B T.

A balsam, 10 ins. diam., bears N. 88° 15' W., 63 lks. dist., marked  $\frac{1}{4}$  S 17 B T.

42.00 Enter medium dense spruce and fir timber, bears NW. and

43.00 Rim of ridge, bears NW. and SE.; descend steep NE. slope

63.45 Stream of clear water, 10 lks. wide, in Little Canyon, 300 ft. below rim of ridge, course S. 60° E.; ascend SW. slope, entering scattered timber.

80.00 On gentle SW. slope, 75 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 8, 9, 16, and 17, with brass cap marked

T17S	R5E
S 8	S 9

SI7	SI6
-----	-----

1937

from which

A spruce, 12 ins. diam., bears N. 27° 15' E., 77 lks. dist., marked T17SR5ES9BT.

A spruce, 12 ins. diam., bears S. 30° 30' E., 725 lks. dist., marked T17SR5ES16BT.

A spruce, 12 ins. diam., bears S. 46° 15' W., 208 lks. dist., marked T17SR5ES17BT.

A balsam, 8 ins. diam., bears N. 52° 15' W., 157 lks. dist., marked T17SR5ES8BT.

Land, mountainous; S. portion rolling mountain top; N. portion broken by steep slopes.

Soil, dark, rocky, mountain loam; 1st and 2nd rate.

Timber, spruce and balsam on portions of mile.

Undergrowth, scattered sagebrush, and choke cherry on

N. portion; medium growth of weeds and grass on mile.

Good grazing land.

N. 89° 56' E., on random line between secs. 9 and 16.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.28 Intersect N. and S. line, 12 lks. S. of the cor. of secs.

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Chains

9, 10, 15, and 16.

Thence

S. 89° 51' W., on true line between secs. 9 and 16.

Along gentle S. slope, over rolling mountainous land, through scattered timber, and scattered undergrowth.

40.14 On gentle S. slope.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{c} S 9 \\ S 16 \end{array}$$

1937

from which

A balsam, 12 ins. diam., bears S. 22° 45' E., 195 lks. dist., marked  $\frac{1}{4}$  S 16 E T.

A balsam, 12 ins. diam., bears N. 83° W., 248 lks. dist., marked  $\frac{1}{4}$  S 9 B T.

44.00 Enter medium dense spruce and fir timber, bears NW. and SE.

57.60 Stream of clear water, 10 lks. wide, course S.

59.00 Descend gentle SW. slope, bears NW. and SW.

71.60 Stream of clear water, 5 lks. wide, course SE.

80.28 The cor. of secs. 8, 9, 16, and 17, 60 ft. below  $\frac{1}{4}$  sec. cor

Land, rolling mountains.

Soil, dark rocky mountain loam; 1st and 2nd rate.

Timber, spruce and balsam.

Undergrowth, scattered sagebrush and service berry; medium growth of weeds and grass. Good grazing land.

N. 0° 05' W., between secs. 8 and 9.

Ascend gentle SW. slope over rolling mountainous land, through scattered clumps of spruce and balsam timber, and medium dense growth of weeds and grass.

40.00 On rolling SW. slope, 440 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{c} S 8 \\ S 9 \end{array}$$

1937

from which

A balsam, 10 ins. diam., bears S. 10° E., 478 lks. dist., marked  $\frac{1}{4}$  S 9 B T.

A balsam, 12 ins. diam., bears N. 77° 15' W., 278 lks. dist., marked  $\frac{1}{4}$  S 8 B T.

Chains

60.00

Top of spur, 150 ft. above  $\frac{1}{4}$  sec. cor., projects S. 60° abrupt descent over NE. slope.

62.00

Enter medium dense spruce and fir timber, bears NW. and SE.

80.00

On steep NE. slope, 630 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8, and 9, with brass cap marked

T17S

S 5

S 8

R5E

S 4

S 9

1937

from which

A Douglas fir, 36 ins. diam., bears N. 85° 30' E., 332 lks. dist., marked T17SR5ES4BT.

A Douglas fir, 24 ins. diam., bears S. 63° 45' E., 288 lks. dist., marked T17SR5ES9BT.

A Douglas fir, 14 ins. diam., bears S. 50° 15' W., 141 lks. dist., marked T17SR5ES8BT.

No suitable bearing tree available in sec. 5. Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.

Land, mountainous; rolling on S. portion, and steep slope on E. portion.

Soil, dark rocky mountain loam; 1st to 2nd rate.

Timber, scattered spruce and balsam on S. portion, and medium dense spruce, Douglas fir, and balsam on N. portion.

Undergrowth, scattered sagebrush and choke cherry on slopes; medium growth of weeds and grass on mile.

Good grazing land.

N. 89° 51' E., on random line between secs. 4 and 9.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.36

Intersect N. and S. line, 12 lks. N. of the cor. of secs. 3, 4, 9, and 10.

Thence

S. 89° 56' W., on true line between secs. 4 and 9.

Ascend abrupt NE. slope, over mountainous land, through medium dense timber, and scattered undergrowth.

25.00

Top of abrupt ascent, 620 ft. above sec. cor., slopes N.; ascend along steep and broken N. slope.

40.18

On steep N. slope, 690 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 4

S 9

1937

from which

## SUBDIVISION OF T. 17 S., R. 5 E.

Chains	
.000	A Douglas fir, 24 ins. diam., bears S. 27° W., 25 lks. dist., marked $\frac{1}{4}$ S 9 B T.
	A Douglas fir, 24 ins. diam., bears N. 22° W., 43 lks. dist., marked $\frac{1}{4}$ S 4 B T.
60.00	Ascend NE. slope, NE. and SW.
76.00	Enter scattered timber, bears NE. and SW.
80.36	The cor. of secs. 4, 5, 8, and 9, 100 ft. above $\frac{1}{4}$ sec. cor.
	Land, mountainous; steep and broken slopes. Soil, dark rocky mountain loam; 2nd rate. Timber, Douglas fir, balsam, and spruce. Undergrowth, scattered deer browse, and service berry; medium growth of weeds and grass. Good grazing land.
	N. 0° 20' W., on random line between secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
69.58	Intersect N. bdy. of Tp., 37 lks. W. of the cor. of secs. 4, 5, 32, and 33, heretofore described.
	Thence
	S. 0° 02' E., on true line between secs. 4 and 5.
	Descend SE. slope, over mountainous land, through medium dense aspen timber, and scattered undergrowth.
13.00	Stream of clear water, 10 lks. wide, in Reeder Canyon, 170 ft. below sec. cor., course S. 70° E.; ascend NE. slope, entering medium dense spruce and fir timber.
19.10	Stream of clear water, 6 lks. wide, in small draw, course N. 60° E.; ascend N. slope.
29.58	On abrupt N. slope, 290 ft. above canyon.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ \downarrow \\ S\ 5\   \ S\ 4 \\ \downarrow \\ 1937 \end{array}$
	from which
	A Douglas fir, 24 ins. diam., bears N. 41° E., 9 lks. dist., marked $\frac{1}{4}$ S 4 B T.
	A Douglas fir, 24 ins. diam., bears west, 25 lks. dist., marked $\frac{1}{4}$ S 5 B T.
34.00	Ascend NW. slope.
47.40	Top of ascent, slopes NE.; 260 ft. above $\frac{1}{4}$ sec. cor.; descend along E. slope.
57.00	Foot of descent, drains NE., 50 ft. below top of ascent; ascend NE. slope, entering scattered timber.

Chains		Chains
69.58	<p>The cor. of secs. 4, 5, 8, and 9, 260 ft. above 1 sec.</p> <p>Land, mountainous; broken slopes. Soil, dark, rocky, mountain loam; 2nd rate. Timber, aspen on N. portion of mile, and spruce, Douglas fir, and balsam on S. portion of mile. Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass. Good grazing land.</p>	
	<p>From the cor. of secs. 31 and 32, on S. bdy. of Tp., which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the field notes of T. 18 S., R. 5 E., this group.</p> <p>N. 0° 05' W., between secs. 31 and 32.</p> <p>Along broken E. slope, over mountainous land, through scattered aspen, spruce, and fir timber, and scattered undergrowth.</p>	
8.00	Enter medium dense aspen, bears E. and SW.	
23.60	Stream of clear water, 5 lks. wide, in wash, 10 lks. wide, 4 ft. deep, course N. 70° E.	
32.00	Descend NE. slope.	
40.00	<p>On NE. slope, 200 ft. below sec. cor. low grassy meadow, fir and timber.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in mound of stone to top, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p>	
	<p style="text-align: center;"> <math>\frac{1}{4}</math>            S31   S32            1937         </p> <p style="text-align: right;">from which</p> <p>A Douglas fir, 10 ins. diam., bears N. 80° 30' E., 25 lks. dist., marked <math>\frac{1}{4}</math> S 32 B T.</p> <p>A Douglas fir, 12 ins. diam., bears N. 75° W., 29 lks. dist., marked <math>\frac{1}{4}</math> S 31 B T.</p>	
42.00	Foot of descent, 30 ft. below $\frac{1}{4}$ sec. cor., bears NW. and SE.; enter grassy meadow, leaving timber.	
46.10	Stream of clear water, 10 lks. wide, course N. 60° E.	
50.00	Leave meadow, enter medium dense aspen, and scattered spruce and fir timber, bears E. and W.; descend NE. slope	
58.00	Seely Creek, stream of clear water, 30 lks. wide, in canyon, 90 ft. below $\frac{1}{4}$ sec. cor., course S. 50° E.; ascend S. slope.	
65.00	Telephone line of Forest Service, bears N. 60° W., and S. 60° E.	
65.10	Stream of clear water, 10 lks. wide, course S. 15° W.	
74.90	Road, bears N. 80° W. to Ephraim, Utah, and S. 80° E. to Castle Dale, Utah	

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Chains

80.00 On S. slope, 270 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31, and 32, with brass cap marked

T17S	R5E
S30	S29
S31	S32

1937

from which

An aspen, 8 ins. diam., bears N.41° E., 41 lks. dist., marked T17SR5ES29BT.

An aspen, 8 ins. diam., bears S.17° E., 29 lks. dist., marked T17SR5ES32BT.

An aspen, 6 ins. diam., bears S. 43° W., 13 lks. dist., marked T17SR5ES31BT.

An aspen, 6 ins. diam., bears N.54° W., 20 lks. dist., marked T17SR5ES30BT.

Land, mountainous.

Soil, dark rocky mountain loam; 1st to 2nd rate.

Timber, medium dense aspen and scattered Douglas fir, balsam, and spruce, on portion of mile.

Undergrowth, scattered sagebrush, deer browse, and goose berry; medium growth of weeds and grass.

Good grazing land.

East, on random line between secs. 29 and 32.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.62 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 28, 29, 32, and 33.

Thence

N. 89° 54' W., on true line between secs. 29 and 32.

Ascend gentle NE. slope, over rolling top of spur, through scattered aspen and balsam timber, and scattered undergrowth.

20.00 Top of spur, 130 ft. above sec. cor., projects SE.; thence over gently rolling top, leaving timber.

38.00 Rim of spur, bears NW. and SE.; abrupt descent over SW. slope, entering scattered spruce, fir, and aspen timber

39.81 On steep SW. slope, 50 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$ S 29
S 32

1937

from which

A Douglas fir, 36 ins. diam., bears S.61° E., 80 lks. dist., marked  $\frac{1}{4}$  S 32 B T.

Chains		Station
	A Douglas fir, 30 ins. diam., bears N.43°W., 98 lks. dist., marked $\frac{1}{4}$ S 29 B T.	
57.00	Enter medium dense spruce and fir timber, bears NW. and	
70.00	Stream of clear water, 6 lks. wide, in draw, 710 ft. below sec. cor., course S. 30°W.; ascend SE. slope, entering medium dense aspen, and scattered fir and spruce timber	
73.00	Top of ascent, 30 ft. above draw, slopes S.; descend S. slope.	
79.62	The cor. of secs. 29, 30, 31, and 32, 140 ft. below top of ascent.	
	Land, mountainous; E. portion rolling top of spur; W. portion, steep broken slopes. Soil, E. portion, sandy clay loam; rocky; 2nd rate; W. portion, rocky, clay loam; 3rd rate. Timber, aspen, spruce, Douglas fir, and balsam on portion of mile. Undergrowth, scattered sagebrush, goose berry, and deer browse; medium growth of weeds and grass. Good grazing land.	
	West, between secs. 30 and 31.	
	Descend gradually along S. slope, over mountainous land, through medium dense aspen, and scattered spruce and fir timber, and scattered undergrowth.	
2.30	Stream of clear water, 6 lks. wide, in wash, 20 lks. wide, 4 ft. deep, course S.15°W.	
10.10	Road, bears NW. to Ephraim, Ut., and SE. to Castle Dale, Utah.	
23.90	Telephone line of Forest Service, bears N.60°W., and S. 60°E.	
28.30	Stream of clear water, 10 lks. wide, in small draw, course S.20°W.	
35.00	Becks Canyon, a stream of clear water, 50 lks. wide, in canyon, 260 ft. below sec. cor., course S.60°E.; ascend NE. slope.	
37.50	Top of ascent, 60 ft. above creek, slopes SE.; thence along gentle S. slope, entering scattered timber.	
40.00	On gentle S. slope, 60 ft. above creek.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked	
	$\frac{1}{4}$ S 30	
	$\frac{1}{4}$ S 31	
	1937	from which
	A Douglas fir, 10 ins. diam., bears N.59°E., 123 lks. dist., marked $\frac{1}{4}$ S 30 B T.	
	A Douglas fir, 14 ins. diam., bears S.23°45'E., 163 lks. dist., marked $\frac{1}{4}$ S 31 B T.	



# SUBDIVISION OF T. 17 S., R. 5 E.

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Chains													
45.00	Ascend SE. slope, entering medium dense aspen, bears N., and SE.												
56.90	Telephone line of Forest Service, bears NE. and SW.												
67.00	Enter dense choke cherry, and scattered aspen, bears N. and S.												
70.00	Top of ascent, 480 ft. above $\frac{1}{4}$ sec. cor., slopes S.; thence along S. slope.												
77.43	Intersect W. bdy. of Tp., N., 7.51 chs. dist. from the $\frac{1}{4}$ sec. cor. of sec. 25, hereinafter described.												
	At point of intersection.												
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 30 and 31, with brass cap marked												
	<table><tr><td>T17S</td><td>T17S</td><td></td></tr><tr><td>R4E</td><td>S 30</td><td></td></tr><tr><td>S25</td><td>S31</td><td>CC</td></tr><tr><td></td><td>R5E</td><td></td></tr></table>	T17S	T17S		R4E	S 30		S25	S31	CC		R5E	
T17S	T17S												
R4E	S 30												
S25	S31	CC											
	R5E												
	1937 from which												
	An aspen, 5 ins. diam., bears N. 79° 30'E., 40 lks. dist., marked T17SR5ES30CCBT.												
	An aspen, 8 ins. diam., bears S. 53° E., 11 lks. dist., marked T17SR5ES31CCBT.												
	Land, mountainous.												
	Soil, dark rocky mountain loam; 2nd rate.												
	Timber, aspen and scattered Douglas fir, balsam, and spruce.												
	Undergrowth, scattered sagebrush, deer browse, and choke cherry; dense choke cherry on portion of W. half mile.												
	Medium growth of weeds and grass. Good grazing land.												
	<hr/>												
	From the cor. of secs. 29, 30, 31, and 32.												
	N. 0° 05'W., between secs. 29 and 30.												
	Ascend S. slope, over mountainous land, through medium dense aspen, and scattered spruce, and fir timber, and scattered undergrowth.												
4.20	Stream of clear water, 10 lks. wide, in wash, 30 lks. wide, 4 ft. deep, course S. 15°W.; ascend abrupt SE. slope.												
21.00	Base of slide, bears E. and W.; ascend over slide.												
23.00	Rocky spur, 775 ft. above sec. cor., projects W., about 3 chs.; thence descend along W. slope.												
28.50	Head of draw, 30 ft. below spur, course SW.; ascend S. slope.												
33.00	Rim of spur, 50 ft. above draw, bears SE., and W.; thence over rolling top of spur, leaving timber.												
40.00	On rolling top of spur.												
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked												

Chains

anted

S30 | S29

1937

raise a mound of

stone, 3 ft. base,  $2\frac{1}{2}$  ft. high W. of cor.68.00 Rim of spur, bears N.  $70^{\circ}$  W., and S.  $70^{\circ}$  E.; descend NE. slope, entering medium dense spruce and fir timber.

80.00 On gentle NE. slope, 130 ft. below rim of spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 20, 29, and 30, with brass cap marked

T17S	R5E
S19	S20
S30	S29

1937

from which

A Douglas fir, 10 ins. diam., bears N.  $80^{\circ} 45'$  E., 129 lks. dist., marked T17SR5ES20BT.A balsam, 14 ins. diam., bears S.  $15^{\circ} 15'$  E., 168 lks. dist., marked T17SR5ES29BT.A balsam, 10 ins. diam., bears S.  $67^{\circ} 15'$  W., 54 lks. dist., marked T17SR5ES30BT.A spruce, 12 ins. diam., bears N.  $36^{\circ} 30'$  W., 53 lks. dist., marked T17SR5ES19BT.

Land, mountainous; S. portion, steep slopes; N. portion rolling.

Soil, dark, rocky, mountain loam; 1st and 2nd rate.

Timber, aspen, spruce, balsam, and Douglas fir on portion of mile.

Undergrowth, scattered sagebrush, deer browse, and choke cherry on slopes; medium dense weeds and grass on mile. Good grazing land.

S.  $89^{\circ} 54'$  E., on random line between secs. 20 and 29.40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.68 Intersect N. and S. line, 23 lks. S. of the cor. of secs. 20, 21, 28, and 29.

Thence

S.  $89^{\circ} 56'$  W., on true line between secs. 20 and 29.

Along S. slope, over mountainous land, through medium dense aspen, and scattered spruce and fir timber, and scattered undergrowth.

5.20 Small stream of clear water, course S.

12.00 Descend SW. slope.

18.25 Small stream of clear water, 4 lks. wide, course S.  $15^{\circ}$  W.23.00 Small stream of clear water, 3 lks. wide, course S.  $10^{\circ}$  W.

SUBDIVISION OF T. 17 S., R. 5 E.

3654

Chains	
38.80	Stream of clear water, 30 lks. wide, in Olsens Canyon, 120 ft. below sec. cor., course SE.; ascend NE. slope, entering medium dense fir and spruce, and scattered aspen.
39.84	True point for $\frac{1}{4}$ sec. cor., on bank of water course of creek; impracticable to set corner monument.
40.34	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor to $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S 20}{S 29} WC$
	1937 from which
	A spruce, 14 ins. diam., bears N. 51° 15' E., 21 lks. dist., marked WC $\frac{1}{4}$ S 20 B T.
	A spruce, 8 ins. diam., bears S. 66° W., 40 lks. dist., marked WC $\frac{1}{4}$ S 29 B T.
76.00	Top of ledge, 15 ft. high, and rim, 740 ft. above canyon, bears " and SE.; thence over gentle E. slope.
79.68	The cor. of secs. 19, 20, 29. and 30.
	Land, mountainous. Soil, dark rocky mountain loam; 3rd rate. Timber, medium dense aspen and scattered fir and spruce on E. portion, and medium dense spruce and fir, and scattered aspen on W. portion of mile. Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass. Good grazing land.
	West, between secs. 19 and 30
	Ascend gentle E. slope, over rolling mountainous land, through medium dense spruce and fir, and scattered aspen timber, and scattered undergrowth.
16.00	Top of spur, projecting SE.; 180 ft. above sec. cor.; thence over rolling top.
34.00	Rim of spur, bears N. 10° W., and S. 10° E.; descend W. slope
40.00	On W. slope, 130 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S 19}{S 30}$
	1937 from which
	A spruce, 12 ins. diam., bears S. 19° E., 41 lks. dist., marked $\frac{1}{4}$ S 30 B T.
	A spruce, 12 ins. diam., bears N. 21° W., 27 lks. dist., marked $\frac{1}{4}$ S 19 B T.
45.10	Draw, 90 ft. below $\frac{1}{4}$ sec. cor., course S. 10° W.; ascend E. slope.

Chains

S24

- 51.00 Rim of spur, 70 ft. above draw, projects S. thence, S. 31° 31' E. rolling point of spur.
- 65.00 Rim of spur, bears N. and S.; descend SW. slope, entering medium dense aspen, and scattered spruce and fir timber.
- 73.40 Stream of clear water, 6 lks. wide, in wash, 50 lks. wide, 15 ft. deep, 290 ft. below spur, course S.; thence along S. slope.
- 77.36 Intersect W. bdy. of Tp., N., 7.40 chs. dist., from  $\frac{1}{2}$  sec. cor. of sec. 24, hereinafter described.

## At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 19 and 30, with brass cap marked

T17S	T17S	
R4E	S 19	CC
S24	S 30	
	R5E	

1937

from which

An aspen, 12 ins. diam., bears N. 51° 45' E., 84 lks. dist., marked T17SR5ES19CCBT.

An aspen, 8 ins. diam., bears S. 54° 30' E., 75 lks. dist., marked T17SR5ES30CCBT.

Land, mountainous; rolling top of spurs and broken slopes. Soil, dark rocky mountain loam; 2nd rate. Timber, spruce, Douglas fir, balsam, and aspen. Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass. Good grazing land.

from the cor. of secs. 19, 20, 29, and 30.

N. 0° 05' W., between secs. 19 and 20.

Along gentle N.E. slope, over mountainous land, through scattered spruce, fir, and aspen timber, and scattered undergrowth.

- 1.50 Top of ledge, 10 ft. high, and rim, bears NW. and SE.; abrupt descent over NE. slope.
- 8.40 Draw, 180 ft. below sec. cor., course E.; ascend abrupt S. slope.
- 11.00 Rim, and top of ledge, 10 ft. high, 180 ft. above draw, bears NE. and SE.; thence ascend over gentle SE. slope.
- 23.00 Enter medium dense spruce, fir, and scattered aspen timber, bears E. and N.
- 31.00 Top of ledge, 10 ft. high, and rim, bears NW. and SE.; abrupt descent over NE. slope.
- 40.00 Or steep E. slope, 190 ft. below rim.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked

## Chains

1  
S19 | S20

1937

from which

A balsam, 6 ins. diam., bears S. 6° E., 16 lks.  
dist., marked  $\frac{1}{4}$  S 20 B T.

A balsam, 8 ins. diam., bears S. 47° 30' W., 24 lks.  
dist., marked  $\frac{1}{4}$  S 19 B T.

58.75 Stream of clear water, 10 lks. wide, in rocky bottom of  
canyon, 220 ft. below  $\frac{1}{4}$  sec. cor., course SE.; ascend  
SE. slope, entering medium dense aspen, and scattered fir  
and spruce timber.

80.00 On SE. slope, 250 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. of secs. 17, 18, 19, and 20, with  
brass cap marked

T17S	R5E
S18	S17
S19	S20

1937

from which

An aspen, 12 ins. diam., bears N. 43° E., 18 lks.  
dist., marked T17SR5ES17BT.

An aspen, 10 ins. diam., bears S. 42° E., 29 lks.  
dist., marked T17SR5ES20BT.

An aspen, 12 ins. diam., bears S. 8° W., 34 lks.  
dist., marked T17SR5ES19BT.

An aspen, 12 ins. diam., bears N. 88° 30' W., 162 lks.  
dist., marked T17SR5ES18BT.

Land, mountainous.

Soil, dark rocky mountain loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered sagebrush, choke cherry, and deer  
browse; medium growth of weeds and grass.

Good grazing land.

N. 89° 56' E., on random line between secs. 17 and 20.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.72 Intersect N. and S. line, 19 lks. N. of the cor. of secs.  
16, 17, 20, and 21.

Thence

N. 89° 56' W., on true line between secs. 17 and 20.

Over rolling top of Swasey Ridge, through scattered  
clumps of balsam and spruce timber, and scattered under-  
growth.

24.00 Enter medium dense fir and spruce, and scattered aspen  
timber, bears N. and S.

## SUBDIVISION OF T. 17 S., R. 5 E.

## Chains

- 39.86 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1 sec. cor., with brass cap marked
- $$\begin{array}{r} \frac{S\ 17}{4\ S\ 20} \end{array}$$
- 1937 from which
- A balsam, 10 ins. diam., bears N. 73° E., 140 lks. dist., marked S 17 3 T.
- An aspen, 12 ins. diam., bears S. 60° 15' W., 73 lks. dist., marked S 20 B T.
- 44.80 Rim of ridge, bears N. and S.; descend abrupt W. slope, entering medium dense aspen, and scattered spruce and fir timber.
- 63.30 Stream of clear water, 20 lks. wide, in Olsens Canyon, 460 ft. below rim of ridge, course S.; ascend SE. slope.
- 79.72 The cor. of secs. 17, 18, 19, and 20, 250 ft. above creek
- Land, mountainous; rolling mountain top of E., portion, and broken slopes of canyon on W. portion.  
Soil, dark rocky mountain loam; 2nd rate.  
Timber, spruce, balsam, Douglas fir, and aspen on portion of mile.  
Undergrowth, medium growth of deer browse, choke cherry, and sagebrush on slopes; very scattered sagebrush on ridge medium growth of weeds and grass on mile; Good grazing land.
- 
- West, between secs. 18 and 19.
- Ascend SE. slope, over mountainous land, through medium dense aspen, and scattered fir and spruce timber, and scattered undergrowth.
- 12.00 Ascend abrupt SE. slope.
- 19.00 Top of ascent, 120 ft. above sec. cor., slopes S.; thence along S. slope across point of spur, entering medium dense fir and spruce, and scattered aspen timber.
- 24.10 Stream of clear water, 5 lks. wide, course S.
- 27.50 Descend abrupt W. slope.
- 28.90 Stream of water, 10 lks. wide, in canyon, 50 ft. below point of spur, course S. 20° E.; ascend abrupt E. slope.
- 35.80 Rim, 120 ft. above canyon, bears NW. and SE.; thence along gentle NE. slope.
- 40.00 On gentle NE. slope, 140 ft. above canyon.
- Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in mound of stone to top, for 1 sec. cor., with brass cap marked
- $$\begin{array}{r} \frac{S\ 18}{4\ S\ 19} \end{array}$$
- 1937 from which

## Chains

... A balsam, 10 ins. diam., bears N.56° 30'E., 95 lks. dist., marked  $\frac{1}{4}$  S 18 B T.

... A spruce, 24 ins. diam., bears S.33° 15'W., 66 lks. dist., marked  $\frac{1}{4}$  S 19 B T.

43.00 Ascend abrupt NE. slope, bears NW. and SE.

48.00 Rim of mountain, 150 ft. above  $\frac{1}{4}$  sec. cor., bears N.35°W., and S.35° E.; thence over rolling top of mountain.

50.00 Leave timber, bears NW. and SE.

72.20 Wash, 20 lks. wide, 2 ft. deep, in shale, course S.30°E.

77.04 Intersect W. bdy. of Tp., N., 7.44 chs. dist. from  $\frac{1}{4}$  sec. cor. of sec. 13, hereinafter described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, and in round of stone to top, for closing cor. of secs. 18 and 19, with brass cap marked

	T17S	
T17S	S18	
R4E	S19	CC
S13	R5E	

1937

deposit a limestone, 6 x 6 x 4 ins., marked X, at base of post.

Land, mountainous; N. portion, steep slopes; E. portion rolling mountain top.

Soil, dark rocky to retain loam; fire and 3rd rate.

Timber, spruce, balsam, larches fir and aspen on portion of mile.

Undergrowth, scattered choke cherry, deer browse, and sage brush; medium growth of weeds and grass.

Good grazing land.

from the cor. of secs. 17, 18, 19, and 20.

N. 0° 05' W., between secs. 17 and 18.

Ascend gentle SE. slope over mountainous land, through medium dense aspen and scattered spruce and fir timber, and scattered undergrowth.

16.00 Ascend abrupt SE. slope, bears NE. and SW.

20.00 Leave aspen and enter scattered clumps of balsam and spruce, bears NW. and SW.

23.00 Rim of mountain, 370 ft. above sec. cor., bears N.60°E., and S.60°W.; thence over rolling top of mountain, with gentle S. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S18 | S17

1937

from which

Chains

A balsam, 6 ins. diam., bears N. 66° 45' E., 327 lks. dist., marked  $\frac{1}{4}$  S 17 B T.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high W. of cor.

61.50 Rim of canyon, bears N. 15° W., and S. 15° E.; descend NE. slope.

80.00 On NE. slope, 100 ft. below rim.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, with brass cap marked

T17S	R5E
S 7	S 8
S18	S17

1937

raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high W. of cor.

Land, mountainous; broken slopes on S. portion, and rolling top of mountain on N. portion.

Soil, dark rocky mountain loam; 2nd rate.

Timber, aspen, and scattered spruce and balsam on portion of mile.

Undergrowth, scattered sagebrush, deer browse, and choke cherry; medium growth of weeds and grass.

Good grazing land.

S. 89° 56' E., on random line between secs. 8 and 17.

40.00 Set temp. sec. cor.

79.60 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 8, 9, 16, and 17.

Thence

West, on true line between secs. 8 and 17.

Along gentle S. slope, over mountainous land, through scattered timber, and scattered undergrowth.

15.40 Stream of clear water, 10 lks. wide, in Little Canyon, course SE.; thence over rolling bottom of canyon.

23.00 Leave canyon, ascend NE. slope, bears N. 20° W., and SE.

32.00 Rim of canyon, 250 ft. above bottom, bears N. 20° W., and SE.; thence over rolling top of Swasey Ridge.

39.80 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S 8
	S 17

1937

from which

A balsam, 10 ins. diam., bears S. 85° 30' E., 387 lks. dist., marked  $\frac{1}{4}$  S 17 B T.



## Chains

A balsam, 10 ins. diam., bears N.  $12^{\circ} 45' W.$ , 132 lks. dist., marked  $\frac{1}{2}$  S 8 B T.

59.50 Rim of canyon, bears N.  $20^{\circ} W.$ , and S.  $20^{\circ} E.$ ; descend SW. slope.

75.40 Stream of clear water, 5 lks. wide, in Olsens Canyon, 200 ft. below rim, course S.  $30^{\circ} E.$ ; ascend NE. slope.

79.60 The cor. of secs. 7, 8, 17, and 18, 60 ft. above canyon.

Land, mountainous; rolling top of ridge, and broken slopes  
Soil, dark rocky mountain loam; 2nd rate.

Timber, scattered aspen, spruce, and balsam.

Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass.

Good grazing land.

West, between secs. 7 and 18.

Ascend NE. slope, over mountainous land, through scattered undergrowth.

8.00 Rim of canyon, 130 ft. above sec. cor., bears N.  $30^{\circ} W.$ , and S.  $30^{\circ} E.$ ; thence along gentle S. slope over rolling top of mountain.

10.40 Canal, 10 lks. wide, 3 ft. deep, course S.  $10^{\circ} W.$ , about 40 lks., thence westerly.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked

S 7

S 18

1937

raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high N. of cor.

48.00 Recross canal, course NW., from S.  $80^{\circ} E.$

76.74 Intersect W. bdy. of Tp., N., 6.32 chs. dist., from witness cor. to sec. cor. of sec. 12, hereinafter described, which is 1.00 ch. N. of the true point for the sec. cor.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 7 and 18, with brass cap marked

T17S	T17S
R4E	S 7
S12	S18 CC
	R5E

1937

raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high E. of cor.

Land, rolling mountain top.

Soil, dark rocky mountain loam; 2nd rate.

No timber.

Undergrowth, scattered sagebrush; medium growth of weeds and grass. Good grazing land.

Chains

ended

From the cor. of secs. 7, 8, 17, (and 18) and  
N.  $0^{\circ} 05'$  W., between secs. 7 and 8.

Along gentle E. slope, over mountainous land, through scattered undergrowth, and medium growth of weeds and grass.

13.00 Stream of clear water, 10 lks. wide, in Olsens Canyon, course S.  $20^{\circ}$  E.; ascend gentle SW. slope, along E. side of canyon.

40.00 On gentle SW. slope, 150 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S 7 | S 8  
 1937

raise a mound of stone, 3 ft. base, 3 ft. high W. of cor.

From this  $\frac{1}{4}$  sec. cor., head of canal, in bottom of canyon, bears S.  $45^{\circ}$  W., 8.40 chs. dist.

80.00 On gentle SW. slope, 190 ft. above  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 5, 6, 7, and 8, with brass cap marked

T17S | R5E  
 S 6 | S 5  
 S 7 | S 8

1937

deposit a sandstone 9 x 8 x 3 ins., marked X, at base of post.

From this sec. cor., triangulation station, Sanpete, U.S. Coast and Geodetic Survey, bears N.  $47^{\circ} 06'$  W., 59.85 chs. dist.; center of old mound of stone, on main divide ridge, known as the Horseshoe.

Land, rolling mountains

Soil, dark rocky mountain loam; 2nd rate.

No timber.

Undergrowth, very scattered sagebrush; medium growth of weeds and grass. Good grazing land.

East, on random line between secs. 5 and 8.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.68 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 4, 5, 8, and 9.

Thence

S.  $89^{\circ} 35'$  W., on true line between secs. 5 and 8.

Ascend abrupt NE. slope, over mountainous land, through scattered timber, and scattered undergrowth.

## SUBDIVISION OF T. 17 S., R. 5 E.

Chains	
22.00	Top of ridge, 725 ft. above sec. cor., bears N.35° W., and S. 35° E.; descend gentle SW. slope, leaving timber.
36.50	Head of Little Canyon, 30 ft. below ridge, course S.15°E.; ascend gentle SE. slope.
39.84	On SE. slope, 20 ft. above head of canyon. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked $\begin{array}{r} S\ 5 \\ \frac{1}{4} \quad \hline S\ 8 \end{array}$ 1937 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
45.00	Top of Swasey Ridge, 50 ft. above $\frac{1}{4}$ sec. cor., bears N. 15°W., and S.15°E.; thence over rolling top of ridge.
56.00	Leave ridge, bears N.30°W., and S.30°E.; descend over rolling SW. slope.
79.68	The cor. of secs. 5, 6, 7, and 8, 250 ft. below ridge. Land, mountainous; steep broken slopes on E. portion, and rolling on W. portion of mile. Soil, dark, rocky mountain loam; 2nd rate. Timber, scattered spruce, and balsam on E. portion of mile. Undergrowth, scattered sagebrush, choke cherry, and deer browse; medium growth of weeds and grass. Good grazing land. <hr/> West, between secs. 6 and 7. Descend gentle SW. slope, over rolling mountainous land, through, scattered undergrowth, and medium growth of weeds and grass.
10.00	Stream of clear water, 5 lks. wide, in Olsens Canyon, 30 ft. below sec. cor., course S.10°E.; ascend gentle E. slope.
28.00	Top of ascent, 70 ft. above sec. cor., bears N. and S.; thence along gentle S. slope, over rolling mountainous land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., over X cut in surface rock, and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked $\begin{array}{r} S\ 6 \\ \frac{1}{4} \quad \hline S\ 7 \end{array}$ 1937
41.00	Wash, 20 lks. wide, 2 ft. deep, in swale, course S.15°W.
76.58	Intersect W. bdy. of Tp., N., 7.30 chs. dist. from the $\frac{1}{4}$ sec. cor. of sec. 1, hereinafter described. At point of intersection. Set an iron post, 3 ft. long, 2 ins. diam., over X cut in surface rock, and in mound of stone to top, for closing

Chains

cor. of secs. 6 and 7, with brass cap marked

T17S	T17S
R4E	S. 6
S 1	S 7
	R5E

1937

Land, rolling mountains.

Soil, dark rocky mountain loam; 2nd rate.

No timber.

Undergrowth, very scattered sagebrush; medium growth of weeds and grass. Good grazing land.

From the cor. of secs. 5, 6, 7, and 8.

N. 0° 02' W., on random line between secs. 5 and 6.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

69.58 Intersect N. bdy. of Tp., 32 lks. E. of the cor. of secs 5, 6, 31, and 32, heretofore described.

Thence

S. 0° 18' E., on true line between secs. 5 and 6.

Descend SE. slope, over mountainous land, through scattered timber, and scattered undergrowth.

4.00 Foot of descent, 70 ft. below sec. cor., thence along E. slope, at head of Reeder Canyon; leave timber.

16.00 Ascend abrupt NE. slope.

23.00 Enter scattered timber.

29.58 On steep NE. slope, 300 ft. above point of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 6	S 5
-----	-----

1937

from which

A Douglas fir, 20 ins. diam., bears N. 19° 30' E., 58 lks. dist., marked  $\frac{1}{4}$  S. 5 B. T.A Douglas fir, 18 ins. diam., bears N. 6° 30' W., 110 lks. dist., marked  $\frac{1}{4}$  S. 6 B. T.

37.00 Leave timber, bears NW. and SE.

44.50 Top of ridge, 370 ft. above  $\frac{1}{4}$  sec. cor., bears N. 60° W., and S. 70° E.; descend gentle SW. slope.

69.58 The cor. of secs. 5, 6, 7, and 8, 210 ft. below ridge.

Land, mountainous.

Soil, dark rocky mountain loam; 2nd rate.

Timber, scattered spruce, Douglas fir, and balsam on portion of mile

Undergrowth, scattered sagebrush; medium growth of weeds and grass. Good grazing land.

## DEPENDENT RESURVEY OF W. BDY. OF T. 17 S., R. 5 E.

Chains

Resurvey of west bdy. of T. 17 S., R. 5 E., supplementing the survey by Howard W. Miller, Surveyor, in 1913.

This resurvey was made to establish  $\frac{1}{4}$  sec. cor. between closing corners, referring to this township. A new record of topographic features is not reported.

From the  $\frac{1}{4}$  sec. cor. of sec. 36, which is an iron post, 1 in. diam., as described in the field notes of survey of T. 18 S., R. 5 E.; thence

North, along E. bdy. of sec. 36,

7.73 The closing cor. of Tps. 17 and 18 S., R. 5 E., as described in the field notes of T. 18 S., R. 5 E., this group.

40.00 The cor. of secs. 25, 30, 31, and 36, which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official records.

As this cor. now becomes the cor. of secs. 25 and 36, only I destroy the marks on brass cap pertaining to secs. 30 and 31. The brass cap is now marked

T17S	
R4E	R5E
S25	S31
S36	

1913

North, along E. bdy. of sec. 25.

7.62 Mean distance between the closing cor. of Ts. 17 and 18 S., R. 5 E., and the closing cor. of secs. 30 and 31.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 31 only, with brass cap marked

$\frac{1}{4}$
S31

1937

from which

A balsam, 6 ins. diam., bears N. 42° 45' E., 63 lks. dist., marked  $\frac{1}{4}$  S 31 B T.

A balsam, 6 ins. diam., bears S. 78° 30' E., 69 lks. dist., marked  $\frac{1}{4}$  S 31 B T.

40.00 The  $\frac{1}{4}$  sec. cor. of secs. 25 and 30, which is an iron post, 1 in. diam., set, marked and witnessed by two bearing trees as described in the official records.

As this cor. now becomes the  $\frac{1}{4}$  sec. cor. of sec. 25 only, I obliterate the marks on brass cap pertaining to sec. 30, and the marks on the bearing tree in sec. 30. The bearing tree in sec. 25 is dead. The brass cap is now marked

 $\frac{1}{4}$ 

S25

1913

from which

## DEPENDENT RESURVEY OF W. BDY. OF T. 17S., R. 5 E.

Chains

S24

New bearing trees.

A balsam, 8 ins. diam., bears S. 85° W., 81 lks.  
dist., marked  $\frac{1}{4}$  S 25 B T.

A balsam, 8 ins. diam., bears N. 18° 45' W., 87 lks.  
dist., marked  $\frac{1}{4}$  S 25 B T.

47.51 The closing cor. of secs. 30 and 31, heretofore describe

80.00 The cor. of secs. 19, 24, 25, and 30, which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records.

As this cor. now becomes the cor. of secs. 24 and 25 only I obliterate the marks on brass cap pertaining to secs. 19 and 30. The brass cap is now marked

T17S	
R4E	R5E
S24	S30
S25	
1913	

North, along E. bdy. of sec. 24.

7.45 Mean distance between the closing cor. of secs. 30 and 31, and the closing cor. of secs. 19 and 30.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 30 only, with brass cap marked

$\frac{1}{4}$
S30
1937

from which

An aspen, 6 ins. diam., bears N. 6° E., 29 lks. dist. marked  $\frac{1}{4}$  S 30 B T.

An aspen, 8 ins. diam., bears S. 8° E., 101 lks. dist., marked  $\frac{1}{4}$  S 30 B T.

40.00 The  $\frac{1}{4}$  sec. cor. of secs. 19 and 24, which an iron post, 1 in. diam., set, marked and witnessed by two bearing trees as described in the official records. The bearing trees are dead.

As this cor. now becomes the  $\frac{1}{4}$  sec. cor. of sec. 24 only I obliterate the marks on the brass cap pertaining to sec. 19, and the marks on bearing tree in sec. 19. The brass cap is now marked

$\frac{1}{4}$
S24
1913

from which

New bearing trees

An aspen, 8 ins. diam., bears S. 51° 45' W., 59 lks. dist., marked  $\frac{1}{4}$  S 24 B T.

DEPENDENT RESURVEY OF W. BDY. OF T. 17 S., R. 5 E.

Chains

An aspen, 12 ins. diam., bears N. 21° W., 43 lks. dist., marked  $\frac{1}{2}$  S 24 B T.

47.40 The closing cor. of secs. 19 and 30, heretofore described.

80.00 The cor. of secs. 13, 18, 19, and 24, which is an iron post, 3 ins. diam., set, marked, and witnessed by mound of stone, as described in the official records.

As this cor. now becomes the cor. of secs. 13 and 24 only, I obliterate the marks on brass cap pertaining to secs. 18 and 19. The brass cap is now marked

T17S  
R4E | R5E  
S13 |  
S24 | S19  
1913

North, along E. bdy. of sec. 13

7.42 Mean distance between the closing cor. of secs. 19 and 30 and the closing cor. of secs. 18 and 19.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{2}$  sec. cor. of sec. 19 only, with brass cap marked

$\frac{1}{2}$   
|  
S19  
1937

raise a mound of stone, 3 ft. base, 2 ft. high E. of cor.

40.00 The  $\frac{1}{2}$  sec. cor. of secs. 13 and 18, which is an iron post, 1 in. diam., set, marked, and witnessed by mound of stone, as described in the official records.

As this cor. now becomes the  $\frac{1}{2}$  sec. cor. of sec. 13 only, I obliterate the marks on brass cap pertaining to sec. 18. The brass cap is now marked

$\frac{1}{2}$   
|  
S13  
1913

47.44 The closing cor. of secs. 18 and 19, heretofore described.

80.00 The cor. of secs. 7, 12, 13, and 18, which is an iron post, 3 ins. diam., set, marked, and witnessed by mound of stone, as described in the official records.

As this cor. now becomes cor. of secs. 12 and 13 only, I obliterate the marks on brass cap pertaining to secs. 7 and 18. The brass cap is now marked

T17S  
R4E | R5E  
S12 |  
S13 | S18  
1913

## DEPENDENT RESURVEY OF W. BDY. OF T. 17 S., R. 5 E.

Chains		anteds
	North, along E. bdy. of sec. 12.	
7.38	Mean distance between the closing cor. of secs. 18 and 12 and the closing cor. of secs. 7 and 18.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 18 only, with brass cap marked	
	$\begin{array}{c} \frac{1}{4} \\   \\ S18 \\   \\ 1937 \end{array}$	from which
	A balsam, 8 ins. diam., bears N.66° 30'E., 222 lks. dist., marked $\frac{1}{4}$ S 18 B T.	
	A balsam, 10 ins. diam., bears S.77° E., 315 lks. dist., marked $\frac{1}{4}$ S 18 B T.	
40.00	True point cor. of sec. cor., in wash. Cor not set.	
41.00	The witness cor. to $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is an iron post, 1 in. diam., set, marked, and witnessed by mound of stone, as described in the official records.	
	As this cor. now becomes witness cor. to $\frac{1}{4}$ sec. cor. of sec. 12 only, I obliterate the marks on brass cap pertaining to sec. 7. The brass cap is now marked	
	$\begin{array}{c} \frac{1}{4} \\   \\ S12 \\   \\ WC \\   \\ 1913 \end{array}$	
47.32	The closing cor. of secs. 7 and 18, heretofore described	
80.00	The cor. of secs. 1, 6, 7, and 12, which is an iron post 3 ins. diam., set in mound of stone, marked, and witness by mound of stone, as described in the official records.	
	As this cor. now becomes the cor. of secs. 1 and 12 only, I obliterate the marks on brass cap pertaining to secs. 6 and 7. The brass cap is now marked	
	$\begin{array}{c} T17S \\ R4E \quad R5E \\ S1 \\ \hline S12 \quad S7 \\ 1913 \end{array}$	
	North, along E. bdy. of sec. 1	
7.31	Mean distance between the closing cor. of secs. 7 and 18, and the closing cor. of secs. 6 and 7.	
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and in mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 7 only, with brass cap marked	
	$\begin{array}{c} \frac{1}{4} \\   \\ S7 \\   \\ 1937 \end{array}$	deposit a sandstone



DEPENDENT RESURVEY OF W. BDY. OF T. 17 S., R. 5 E.

Chains

8' x 5' x 4' ins., marked X, at base of post.

40.00 The  $\frac{1}{4}$  sec. cor. of secs. 1 and 6, which is an iron post, 1 in. diam., set, marked, and witnessed by mound of stone, as described in the official records.

As this cor. now becomes the  $\frac{1}{4}$  sec. cor. of sec. 1 only, I obliterate the marks on brass cap pertaining to sec. 6. The brass cap is now marked

$\frac{1}{4}$   
S1  
1913

47.30 The closing cor. of secs. 6 and 7, heretofore described.

86.78 The cor. of Tps. 16 and 17 S., Rs. 4 and 5 E., which is an iron post, 3 ins. diam., set, marked, and witnessed by four bearing trees as described in the official records.

As this cor. now becomes the cor. of Tps. 16 and 17 S., R. 4 E., only, I obliterate the marks on brass cap pertaining to R. 5 E., and the marks on bearing trees in secs. 31 and 6. The brass cap is now marked

T16S  
R4E  
S36  
S1 S6  
R4E R5E  
T17S  
1913

North, along E. bdy. sec. 36, T. 16 S., R. 4 E.

0.52 Northing of 40.00 chs. from the closing cor. of secs. 6 and 7.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 6 only, with brass cap marked

$\frac{1}{4}$   
S6  
1937

from which

A Douglas fir, 20 ins. diam., bears N. 16° 30' E., 192 lks. dist., marked  $\frac{1}{4}$  S 6 B T.

A Douglas fir, 14 ins. diam., bears S. 43° E., 42 lks. dist., marked  $\frac{1}{4}$  S 6 B T.

30.15 True point for closing cor. of Tps. 16 and 17 S., R. 5 E., heretofore described.

40.00 The true point for  $\frac{1}{4}$  sec. cor. falls in creek.

42.00 The witness cor. to  $\frac{1}{4}$  sec. cor. of sec. 36, as described in field notes of T. 16 S., R. 5 E., this group.

FINAL TESTS OF SOLAR ATTACHMENTS

July 25, 1937, at camp, located in the NW  $\frac{1}{4}$  of sec. 34,

Chains,

attached

every half hour from 9 to 10-30 a.m., and from 1-30 to 4 p.m., we make proper settings on the arcs of the solar attachments, and ascertain that the resulting orientation of the instruments, when compared with the meridian established by Polaris observations, has a maximum error of less than 1' 30".

## GENERAL DESCRIPTION, T. 17 S., R. 5 E.

T. 17 S., R. 5 E., is located within the Manti National Forest, and the land is mountainous in character, varying in elevation above sea level from about 10,500 ft. on the main divide ridge in sec. 6, to about 7,500 ft. along the canyons. The main ridge, known as the Horseshoe, forming the divide of the drainage of the Sevier Valley to the west, and Joe's Valley to the east, extends in a northeasterly and southwesterly direction through sec. 6. A peak in this ridge, located in about the center of sec. 6, is the highest point in the township, being about 10,500 ft. above sea level. The main drainage of the township is southeasterly from the main ridge, and is formed by Reeder Canyon, Little Canyon, Olsens Canyon, Seely Creek and tributaries. Reeder Canyon and Little Canyon are separated by a spur with wide rolling top, extending southeasterly from the main ridge in sec. 6, through secs. 6, 5, 8, 9, 10, and 15. In sec. 15 this spur breaks off with abrupt slopes, to a broken bench in secs. 23 and 24. Little Canyon and Olsens Canyon are separated by a spur, known as Swasey Ridge, with a wide open top, extending southeasterly through secs. 8, 17, 16, 20, 21, 22, and 27, breaking off with steep slopes in sec. 27. Olsens Canyon and Seely Creek are separated by a spur, with wide rolling top, extending southeasterly through secs. 19, 30, 29, and 32, breaking off with steep slopes.

The soil along the tops of the ridges and spurs is a shallow sandy clay loam, 10 to 30 ins. deep, on a hardpan of gravel, and may be classed as 2nd rate, and the soil on the slopes of the canyons is a rocky sandy clay loam, and may be classed as 3rd rate. The soil throughout the township supports an abundant growth of weeds and grass, affording excellent forage for stock.

On the north and east slopes, a medium growth of balsam spruce, and Douglas fir timber is found, ranging from young trees to trees 30 ins. in diameter, while on the south and southwest slopes a medium growth of aspen, and scattered spruce, Douglas fir and balsam timber is encountered. Along the tops of the spurs are scattered clumps of balsam and spruce.

The township is well watered by streams of water in Reeder Canyon, Little Canyon, Olsens Canyon, and Seely Creek, and tributaries. The stream of water in Reeder Canyon, about 20 lks. wide, heads in sec. 5, and drains easterly and southeasterly through secs. 5, 4, 3, 10, 11, 13, and leaves the township in sec. 24. The stream of water, about 15 lks. wide in Little Canyon, heads in sec. 8, and drains southeasterly through secs. 8, 17, 16, 15, 22, 23, 26, 25, and leaves the township in sec. 36. The stream of water, about 20 lks. wide, in Olsens Canyon, heads in sec. 6, and drains southerly through secs. 6, 7, 8, 17, and 20, thence southeasterly through secs. 29, 28, 33, and empties into Seely Creek in sec. 34. A tributary of Olsens Canyon, with a stream of water about 10 lks. wide, enters the township in NW  $\frac{1}{4}$  of sec. 18, and drains southeasterly through secs. 18, 19, and empties into Olsens Canyon in sec. 20. Seely Creek, a stream of water about 30 lks. wide, enters the township in sec. 31, and flows easterly through secs. 31 and 32, leaving the township in sec. 32, and reenters the township in sec. 34.

## GENERAL DESCRIPTION, T. 17 S., R. 5 E.

## Chains

and flows easterly through secs. 34, 35, and leaves the township in sec. 36. There are numerous other small streams and small springs throughout the township.

No part of the township is suitable for cultivation, the surface being broken by canyons and draws with steep slopes but is valuable and extensively used for grazing of sheep and cattle during the summer months, there being an abundant growth of brush, woods, and grass affording excellent forage for stock.

There are two small sawmills in the township, one located in the N.E. cor. of sec. 32, and one in the E. cor. of sec. 33. The mill in sec. 32 was not being operated at the time of this survey.

A graded road from Ephraim, Utah to Castle Lake, Utah, extends easterly and westerly through secs. 30, 31, 32, 33, 28, 27, 34, 35, and 36. There is also a road, known as the Skyline Drive, extending through sec. 6, near the top of the main divide ridge.

No indications of valuable minerals, oil, oil shale, or coal were noted in the township.

No settlers were located in the township.

The mean magnetic declination was found to be 16°40'E.

Obituary

and loved one, in the early morning hours of January 1, 1941, at the home of the deceased, 1234 Main Street, New York, New York. The deceased was born on January 1, 1900, in New York, New York, and was the son of John and Mary Smith. He was a member of the New York State Bar Association and was employed as a lawyer in the New York City office of the Smith Brothers Company. He was a devoted husband and father, and his death is a great loss to his family and to the community. The funeral services will be held on January 3, 1941, at 10:00 A.M. at the New York City Temple, 1234 Main Street, New York, New York. The burial will take place in the New York City Cemetery, 1234 Main Street, New York, New York.



# CERTIFICATE OF UNITED STATES SURVEYOR

We, Ralph Gentry, Cadastral Engineer, Kenneth C. Vincent, Public Land Surveyor, and Sidney R. Reese, David M. Young, and Ervine F. Smith, ~~Transitmen~~, ~~U. S. Surveyors~~, hereby certify upon honor that, in pursuance

of special instructions received from the District Cadastral Engineer for Utah  
bearing date of the 10th day of July, 1935, ~~I~~ <sup>we</sup> have well, faithfully, and truly  
in ~~my~~ <sup>our</sup> own proper person<sup>s</sup>, and in strict conformity with said instructions, the Manual of Surveying Instru-  
tions, and the laws of the United States, surveyed all those parts or portions of the north boundary  
and subdivisional lines, and dependently resurveyed the was  
boundary of T. 17 S., R. 5 E., and the west boundary of T. 17 S.,  
R. 6 E.,

of the Salt Lake  
Meridian, in the State of Utah, which are represented in  
the foregoing field notes as having been executed by ~~me~~ <sup>us</sup>, and under ~~my~~ <sup>our</sup> direction; and that all the corners of  
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-  
tions, and the special written instructions of the District Cadastral Engineer for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of  
such survey. Ephraim, Ut., Aug. 4, 1937. Ralph Gentry Cadastral Engineer  
Ephraim, Ut., Aug. 4, 1937. Kenneth C. Vincent Public Land Surveyor U. S. Surveyor

Ephraim, Ut., June 30, 1937 Sidney R. Reese Transitman

Ephraim, Ut., June 30, 1937. David M. Young Transitman

Ephraim, Ut., Sept. 10, 1936. Ervin F. Smith Transitman

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colo., July 6, 1943.

The foregoing field notes of the survey of the north boundary and subdivisional  
lines, and of the dependent resurvey of the west boundary  
of T. 17 S., R. 5 E., and the west boundary of T. 17 S., R. 6 E.,

executed by Ralph Gentry, Cadastral Engineer, Kenneth C. Vincent, Public  
Land Surveyor, and Sidney R. Reese, David M. Young, and Ervine F. Smith,  
under the special instructions dated July 10, 1935, having been  
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys  
they describe, are hereby approved.

Russell H. Allen  
Acting Assistant U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys in  
has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys.

DEPT. OF THE INTERIOR  
RECEIVED  
JAN 6 1948  
BUREAU OF LAND MANAGEMENT  
SALT LAKE CITY, UTAH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
~~GENERAL LAND OFFICE~~  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

OF THE

DEPENDENT RESURVEY OF PORTION OF THE NORTH BOUNDARY AND SUBDIVISION,

T. 17 S., R. 7 E.,

Of the Salt Lake Meridian,  
the State of Utah

## EXECUTED BY

Elliot Bird, Cadastral Engineer

der special instructions dated September 23, 1939, which provided  
the surveys included under Group No. 311, bearing the approval of the  
Commissioner of the General Land Office under date of November 3, 1939  
assignment instructions dated May 9, 1940.

Survey commenced August 5, 1946.

Survey completed August 23, 1946.

INDEX DIAGRAM.

Township 17 South, Range 7 East  
1

6	5	4	3 7	2 4	1
				5	
7	8	9	10	11	12
13	17	16	15	14	18
19	20	21	22	23	24
20	29	28	27	26	25
31	32	33	34	35	36

1019



## T. 17 S., R. 7 E.

The following field notes are those of a dependent resurvey of the boundaries of sec. 2, T. 17 S., R. 7 E., Salt Lake Meridian, Utah. The survey was made to determine the position of coal leases located in and near said sec. Due to the inaccessible sandstone breaks and ledges forming the terrain of the interior of sec. 2 and the undeveloped state of coal resources at the time of the survey, no subdivision of sec. 2 was made.

Sec. 2 was surveyed by James C. Dick, U.S. Deputy Surveyor in 1900. Preliminary to the resurvey of the boundaries of this sec., the lines of the original survey were retraced and diligent search was made for all missing corners and other calls of the record. Identified corners are remonumented in their original positions, lost corners are reestablished and remonumented at proportionate positions based upon the governing record and the true lines are blazed through the timber. The retracement data are thoroughly verified and the true line field notes are given herein.

The survey was commenced August 5, 1946, and executed by Elliot Bird, Cadastral Engineer, using Baff and Buff solar transit No. 18003. The instrument is equipped with a Smith solar attachment and has a full vertical circle. The horizontal limb has two double verniers placed opposite to each other and read to single minutes of arc which is also the least count of the verniers of the latitude and declination arcs and vertical circle. The instrument was approved for use on this survey conditional upon satisfactory field tests, by the district cadastral engineer for Utah, in assignment instructions dated May 9, 1940.

The bearings of the lines were determined by deflection angles from true meridians determined by observations made upon Polaris during the progress of the work. The lines were carried forward by transit lines taking the mean of direct and reversed sights at each instrument station. A degree of accuracy was maintained in this survey to make it conform to that of a mineral survey.

The measurements were made with a Lallie steel tape 5 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested and found correct, comparison being made with a Lufkin standard steel tape 1 chain in length. The measurements were made on the slope, the vertical angle determined at each interval with the transit and the slope measurements properly reduced to true horizontal distances which appear in this record.

The special instruction data for this survey give the geographical position of the southeast corner of sec. 24, T. 17 S., R. 7 E., as being in Latitude  $39^{\circ}20'$  N., and longitude  $111^{\circ}05'$  W. This position was reduced from U.S. Coast and Geodetic triangulation station "Cap" located near the south boundary of T. 18 S., R. 6 E., and station "Emery", located near the  $\frac{1}{4}$  sec. cor. of secs. 28 and 29, T. 22 S., R. 7 E.

The mean magnetic declination was found to be  $15^{\circ}15'$  E.

## DEPENDENT RESURVEY PORTION NORTH BOUNDARY, T.17S., R.7 E.

Reestablishment of survey executed by  
James C. Dick, U.S. Deputy Surveyor,  
in 1900.

The cor. of secs. 2, 3, 34, and 35, on the N. bdy. of T. 17 S., R. 7 E., is marked by the original corner monument, a sandstone rock in place, 6 x 3 x 1 ft. above ground, the N. point of which is marked with a cross

## DEPENDENT RESURVEY PORTION NORTH BOUNDARY, T.17S., R.7 E.

## Chains

(X) for the exact corner point and 2 grooves to the E. and 4 grooves to the W. of same. No trace of mound of stone could be found.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. in diam., in a large mound of stone, 5 ft. base, 3 ft. high, with brass cap marked

T16S	R7E
S34	S35
S3	S2
T17S	

1946.

No suitable bearing trees available.

Cor. set on abrupt ledgy E. slope at the E. point of a ledgy spur.

Thence, from the above cor.

S. 88°26' E., bet. secs. 2 and 35.

Descend abrupt nearly inaccessible ledgy E. slope of very rough mountainous land, through scattered timber and undergrowth.

- 12.00 Graded and gravelled road, bears NE. to Huntington Canyon and SW. to coal mines.
- 14.20 Small stream of water in bottom of Meeting House Canyon, 660 ft. below cor., flows NE.; ascend ledgy W. slope.
- 19.90 Point for the W. 1/16 sec. cor. of secs. 2 and 35, at proportionate distance.

Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and in a mound of stone, 4 ft. base, 1½ ft. high, with brass cap marked

W 1/16	S35
	S2

1946

from which

A pinon, 10 ins. in diam., bears N. 35°15' E., 88 lks. dist., marked W 1/16 S35 BT.

A pinon, 12 ins. in diam., bears S. 55°30' W., 73 lks. dist., marked W 1/16 S2 BT.

Cor. set on steep ledgy W. slope.

- 25.70 Spur, 610 ft. above stream, slopes abruptly to the N. 20° W.; thence along very steep and ledgy N. slope.
- 35.70 Spur, 50 ft. above last spur, slopes N. 20° W.; descend abrupt ledgy NE. slope.
- 39.00 Rocky gulch, 80 ft. below spur, drains N. 20° W.; ascend steep ledgy NW. and N. slopes.
- 39.80 Point for the ¼ sec. cor. of secs. 2 and 35, at proportionate distance; no trace of the original cor. monument or bearing trees could be found.

## DEPENDENT RESURVEY PORTION NORTH BOUNDARY, T.17 S., R.7 E.

## Chains

Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and in a mound of stone, 5 ft. base,  $1\frac{1}{2}$  ft. high, with brass cap marked

S35

S2

1946

from which

A white pine, 10 ins. in diam., bears N.  $60^{\circ}30'$  E., 17 lks. dist., marked  $\frac{1}{4}$  S35 BT.

A white pine, 12 ins. in diam., bears S.  $3^{\circ}45'$  W., 53 lks. dist., marked  $\frac{1}{4}$  S2 BT.

Cor. set on steep ledgy NW. slope, 50 ft. above gulch.

53.20 Top of main spur, 320 ft. above the  $\frac{1}{4}$  sec. cor., slopes abruptly to the N. and ascend abruptly to the S. to top of main ridge; descend very abrupt NE. slope over ledges through medium dense timber.

79.60 The cor. of secs. 1, 2, 35, and 36, marked by the original cor. monument, a sandstone,  $14 \times 8 \times 6$  ins., firmly set, marked 1 notch on E. edge and 5 notches on W. edge; from which

A juniper, 17 ins. in diam., bears N.  $54^{\circ}$  E., 42 lks. dist., marked T16S R7E S36 BT.

A pinon, 8 ins. in diam., bears S.  $36^{\circ}$  E., 17 lks. dist., marked T17S R7E S1 BT.

A pinon, 8 ins. in diam., bears S.  $39^{\circ}$  W., 19 lks. dist., marked T17S R7E S2 BT.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground and small mound of stone, with brass cap marked

T16S	R7E
S35	S36

S2	S1
----	----

T17S

1946

No bearing tree in sec. 35 available.

Cor. set on rocky N. slope, 840 ft. below spur, at the S. end of a barbed wire fence from the N.

Land, very rough and mountainous with a general northerly exposure and drainage.

Soil, shallow clay and sand with a rocky surface.

Timber, juniper, pinon, with scattered fir and pine.

Undergrowth, sage and service berry brush, browse, and weeds.

Fair grazing land.

Reestablishment of surveys executed by  
James C. Dick, U.S. Deputy Surveyor,  
in 1900.

August 5, 1946: Stationed at the cor. of secs. 1, 2, 35, and 36, on the N. bdy. of T. 17 S., R. 7 E., in approximate latitude  $39^{\circ}24'$  N., longitude  $111^{\circ}06'$  W., at 10h 25.4m a. correct 105th meridian standard time, I make an hour angle observation upon Polaris west of the meridian, making four observations two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a tree about 1 mile to the south in a clockwise direction to the star.

Local mean time of observation..... 10h 01m a.m.  
Mean horizontal angle, tree to star.....  $178^{\circ}22'30''$   
Azimuth of Polaris.....  $1^{\circ}15'30''$  W.  
True bearing to tree..... S.  $0^{\circ}22'$  W.

Hence, from the above cor.

S.  $0^{\circ}22'$  W., bet. secs. 1 and 2.

Ascend gradually over N. slope of broken mountainous land, through medium dense timber and undergrowth.

- 1.00 Low top of ridge, 10 ft. above cor., bears N.  $80^{\circ}$  E. and S.  $90^{\circ}$  W.; descend over broken SE. slope.
- 4.15 Shallow gulch, drains E.
- 15.00 Low spur, slopes E.
- 17.50 Shallow gulch, drains E.
- 29.30 Small spur, slopes E.
- 32.00 The 1 sec. cor. of secs. 1 and 2, marked by the original cor. monument, a sandstone,  $16 \times 12 \times 3$  ins., firmly set, marked 1 on W. face and unwitnessed.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and small mound of stone, with the original cor. monument buried alongside, with brass cap marked

$\frac{1}{4}$   
 S2 | S1  
 1946

from which

A pinon, 16 ins. in diam., bears S.  $69^{\circ}30'$  E., 53 lks. dist., marked 1 S1 ST.

A pinon, 10 ins. in diam., bears S.  $50^{\circ}$  W., 77 lks. dist., marked  $\frac{1}{4}$  S2 ST.

Cor. set at NW. side of bottom lands of Deer Creek Canyon, 30 ft. below sec. cor.

S.  $0^{\circ}02'$  E., beginning new measurement.

- 3.70 Small stream in bottom of Deer Creek Canyon, 20 ft. below cor., flows NE.; ascend steep rocky NW. slope.
- 4.50 Graded and gravelled road, bears NE. to Huntington Canyon and SW. to coal mines.

## DEPENDENT RESURVEY PORTION SUBDIVISION, T. 17 S., R. 7 E.

Chains

8.10 Electric power line, bears NE. and SW.

40.53 The cor. of secs. 1, 2, 11, and 12, marked by the original cor. monument, a sandstone, 24 x 12 x 8 ins., firmly set in the ground and mound of stone, marked 5 notches on S. edge and 1 notch on E. edge, and unwitnessed.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground and mound of stone, 4 ft. base, 1 ft. high, with the original cor. monument buried alongside, with brass cap marked

T17S	R7E
S2	S1
S11	S12

1946

from which

A balsam, 10 ins. in diam., bears S. 32° W., 33 lks. dist., marked T17S R7E S11 BT.

A balsam, 8 ins. in diam., bears N. 74° W., 41 lks. dist., marked T17S R7E S2 BT.

No other suitable bearing trees available.

Cor. set at the top of abrupt ascent, 1210 ft. above creek, at the SW. edge of a grassy opening.

Land, very rough and mountainous with a general southeasterly and northwesterly exposure and drainage into Deer Creek. Soil, shallow clay and sand with a very rocky and ledgy surface.

Timber, scrub juniper and pinon with scattered balsam and Douglas fir.

Undergrowth, sage and oak brush, browse, grass, and weeds. Fair grazing land.

N. 88°13' W., bet. secs. 2 and 11.

Descend abrupt NW. and W. slopes of very rough mountainous land, through medium dense timber and undergrowth.

35.50 Electric power line, bears NE. and SW.

38.00 Small stream in bottom of Deer Creek Canyon, 910 ft. below sec. cor., flows NE.; ascend abrupt E. slope.

39.62 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11 at proportionate distance; no trace of the original  $\frac{1}{4}$  sec. cor. found.

Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and in a large mound of stone, 5 ft. base, 1½ ft. high, with brass cap marked

S2
$\frac{1}{4}$
S11

1946

from which

A Douglas fir, 10 ins. in diam., bears N. 82°15' E., 123 lks. dist., marked  $\frac{1}{4}$  S2 BT.

## DEPENDENT RESURVEY PORTION SUBDIVISION, T. 17 S., R. 7 E.

Chains

A Douglas fir, 10 ins. in diam., bears S.  $70^{\circ}15'$  W., 374 lks. dist., marked  $\frac{1}{4}$  S11 BT.

Cor. set at the NW. edge of graded and gravelled road, 910 ft. below sec. cor., bears NE. to Huntington Canyon and SW. to coal mines.

From this cor., the tippie at the Deer Creek coal mine, bears S.  $30^{\circ}21'$  W., 29.02 chs. dist.

- 43.02 Base of very abrupt ascent over series of vertical inaccessible sandstone rims and ledges facing E., over which it is impossible to chain, I therefore determine the distance by triangulation from this point.

Distance by triangulation 34.50 chs.  
Base bears S.  $27^{\circ}05'$  W., 26.33 chs.  
Angles -  $69^{\circ}38'$ ,  $45^{\circ}40'$ , and  $64^{\circ}42'$ .

- 77.52 To point of triangulation at top of vertical sandstone rim, 1,465 ft. above the  $\frac{1}{4}$  sec. cor., bears NE. and SW.; thence along ledgy abrupt S. slope.

- 79.24 The true point for the cor. of secs. 2, 3, 10, and 11, which is S.  $0^{\circ}01'$  E., 66 lks. dist. from the witness cor. to the cor. of said secs. No trace of the original cor. monument set at the true cor. point could be found. Witness cor. is marked by the original cor. monument, a sandstone  $24 \times 18 \times 4$  ins., firmly set in a mound of stone, marked 5 grooves on S. face, 2 grooves on E. face, and WC on W. face. Cor. is unwitnessed.

At the witness cor. point:

Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground and large mound of stone, 5 ft. base, 1 ft. high, with brass cap marked

T17S	R7E
S3	S2
S10	S11
WC	

1946

Bury the original cor. monument alongside the iron post

from which

A pinon, 12 ins. in diam., bears S.  $80^{\circ}$  E., 40 lks. dist., marked WC T17S R7E S2 BT.

No other bearing trees available.

The true point for the cor. of secs. 2, 3, 10, and 11, falls on abrupt S. face of ledges, where it is impractical to set a cor.

The witness cor. is set on steep ledgy S. slope, 35 ft. above point of triangulation.

Land, steep ledgy E. and W. slopes of high mountainous land with a general easterly and westerly exposure and drainage into Deer Creek Canyon.

Soil, shallow clay and sand, with a very rocky and ledgy surface.

Timber, juniper and pinon with a few scattered balsam. Undergrowth, sagebrush, browse, and weeds. Poor grazing land.

## DEPENDENT RESURVEY PORTION SUBDIVISION, T. 17 S., R. 7 E.

Chains

From the true point for the cor. of secs. 2, 3, 10, and 11.  
N.  $0^{\circ}10'$  W., bet. secs. 2 and 3.

Ascend abrupt ledgy S. and SE. slope of very rough mountainous land, through medium dense timber and undergrowth.

0.66 The witness cor. to the cor. of secs. 2, 3, 10, and 11, above described.

7.10 Top of divide ridge between Deer Creek Canyon and Meeting House Canyon, 240 ft. above true point for sec. cor., bears NE. and SW.; descend very abrupt NW. slope.

31.00 Draw, drains NW.; continue abrupt descent over NW. slope.

39.90 The  $\frac{1}{4}$  sec. cor. of secs. 2 and 3, which is marked by the original cor. monument, a sandstone, 18 x 16 x 3 ins., firmly set in the ground and mound of stone, marked  $\frac{1}{4}$  on W. face and unwitnessed.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and in a mound of stone, 5 ft. base, 1 ft. high, with the original cor. monument buried alongside, with brass cap marked

S3 | S2  
1946

from which

A Douglas fir, 12 ins. in diam., bears S.  $32^{\circ}15'$  E., 43 lks. dist., marked  $\frac{1}{4}$  S2 BT.

A Douglas fir, 12 ins. in diam., bears N.  $60^{\circ}$  W., 20 lks. dist., marked  $\frac{1}{4}$  S3 BT.

Corner set on abrupt general NW. slope, 960 ft. below top of ridge.

North, beginning new measurement.

18.00 Small stream in bottom of Meeting House Canyon, 540 ft. below the  $\frac{1}{4}$  sec. cor., flows N.  $35^{\circ}$  E.; ascend gradually.

19.50 Graded and gravelled road, bears N.  $35^{\circ}$  E. to Huntington Canyon and S.  $35^{\circ}$  W. to coal mines.

20.27 Point for the cor. of lots 5 and 12 sec. 2, and lots 8 and 9 sec. 3, at proportionate distance.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and a mound of stone, 6 ft. base, 1 ft. high, with brass cap marked

T17S R7E  
8 | 5  
S3 | S2  
9 | 12  
1946

from which

## DEPENDENT RESURVEY PORTION SUBDIVISION, T. 17 S., R. 7 E.

Chains

A balsam, 12 ins. in diam., bears N.  $70^{\circ}45'$  E., 23 lks dist., marked L5 S2 BT.

A Douglas fir, 10 ins. in diam., bears S.  $16^{\circ}$  E., 63 lks. dist., marked L12 S2 BT.

Cor. set at the NW. side of bottom lands of Meeting House Canyon.

From this corner, the portal to the Ryan Coal Mine, bears S.  $24^{\circ}00'$  E., 8.92 chs. dist.

The portal to the main haulage way of the Leonard Coal Mine, bears S.  $67^{\circ}14'$  W., 19.76 chs. dist.

The portal to the main haulage way of the LeRoy Coal Mine bears S.  $40^{\circ}32'$  W., 18.12 chs. dist.

Thence ascend gradually along steep ledgy E. slope of the W. breaks of Meeting House Canyon.

47.27 The cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the township, 510 ft. above bottom of Meeting House Canyon.

From this cor., the main haulage way portal of the Richard Coal Mine, bears N.  $75^{\circ}06'$  W., 48.64 chs. dist.

Land, very rough and mountainous with a general northwesterly and easterly exposure and drainage into Meeting House Canyon.

Soil, shallow clay and sand with a very rocky and ledgy surface.

Timber, juniper, pinon, pine, and fir.

Undergrowth, sage and oak brush, browse, and weeds.

Fair grazing land on portions of mile that can be reached by stock.

## GENERAL DESCRIPTION OF SECTION 2, T. 17 S., R. 7 E.

The land within the boundaries of section 2, T. 17 S., R. 7 E., Salt Lake Meridian, Utah, is very rough and mountainous. A high ridge bears in a northeasterly direction through the section from a high plateau to the southwest. This ridge breaks off abruptly in the north part of the section and the east breaks of the ridge consist of a series of inaccessible sandstone rims and ledges. Deer Creek Canyon drains in a northeasterly direction through SE $\frac{1}{4}$  of the section and Meeting House Canyon drains in a northeasterly direction through lots 4 and 5.

The soil consists of shallow clay and sand with a very rocky and ledgy surface.

The timber consists of a medium dense growth of juniper and pinon with scattered fir and pine. The timber has no commercial value except for fencing and fire wood.

The undergrowth consists of sage, service berry, and oak brush, browse, and weeds. On the high slopes where the surface is not broken by ledges, a good growth of grass is found.

The only water in the section are intermittent streams in the bottoms of Deer Creek and Meeting House Canyons. This water is being used for irrigation purposes on a ranch located in sec. 36, T. 16 S., R. 7 E.

Indications of coal were found throughout the section but at the time of the survey, no developed mines were located in the section. In the west part of lot 12, preparations



## GENERAL DESCRIPTION OF SECTION 2, T. 17 S., R. 7 E.

## Chains

where being made to produce coal from what is known as the "Ryan Coal Mine"

Graded and gravelled roads were found in the bottoms of Deer Creek and Meeting House Canyons. These roads bear northeasterly to Huntington Canyon and southwesterly to coal mines.

No portions of the section are suitable for farming and in most places, the slopes are so abrupt and broken that it is impossible to graze the land.

An electric power line bears in a northeasterly direction to Huntington Canyon and a southwesterly direction to the Deer Creek coal mine, in the SE $\frac{1}{4}$  of the section.

THESE ARE THE RESULTS OF THE INVESTIGATION

Chains

where being held in the "Squad" cell

which was held in the "Squad" cell

which was held in the "Squad" cell

which was held in the "Squad" cell

~~GENERAL LAND OFFICE~~

## FIELD ASSISTANTS

6-8412

# CERTIFICATE OF SURVEYOR

I, Elliot Bird, Cadastral Engineer, HEREBY CERTIFY upon honor that  
 pursuance of special instructions bearing date of the 23rd day of September, 1939,  
 received from the district cadastral engineer for Utah, with assigned  
 instructions dated May 9, 1940, I have ~~surveyed~~ made a dependent resurvey  
of portions of the north boundary and subdivision of T. 17 S., R. 7  
of the Salt Lake Meridian, in the State of Utah, which  
 represented in the foregoing field notes as having been executed by me and under my direction; and that a  
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey  
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes  
Salt Lake City, Utah.  
February 4, 1947  
Cadastral Engineer

## CERTIFICATE OF APPROVAL

Chief Cadastral Engineer  
 OFFICE OF ~~Supervisor of Surveys~~  
 Denver, Colorado  
 DEC 23 1947, 1947

The foregoing field notes of the ~~survey of~~ dependent resurvey of portions of the  
north boundary and subdivision, T. 17 S., R. 7 E., Salt Lake Meridian  
Utah  
 executed by Elliot Bird, Cadastral Engineer  
 under special instructions dated September 23, 1939, and assigned  
 instructions dated May 9, 1940, having been critically examined, and  
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the ~~survey~~ re  
 therein described, are hereby approved.

Carl G. Harrington  
Acting Assistant Chief Cadastral Engineer  
~~Supervisor of Surveys~~

## ~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in~~  
~~is a true copy of the original field notes on file in the public survey office.~~

~~Supervisor of Surveys~~

B

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

# FIELD NOTES

OF THE DEPENDENT RESURVEY OF A PORTION OF THE  
SOUTH BOUNDARY OF TOWNSHIP 16 SOUTH, RANGE 14 EAST  
AND A PORTION OF THE  
SUBDIVISION OF TOWNSHIP 17 SOUTH, RANGE 14 EAST  
AND SURVEY OF THE  
AST BOUNDARY AND A PORTION OF THE SOUTH BOUNDARY AND SUBDIVISION OF  
TOWNSHIP 17 SOUTH, RANGE 14 EAST

Of the Salt Lake Meridian,  
the State of Utah

## EXECUTED BY

J. C. Clark, Assistant Cadastral Engineer

der special instructions dated May 31, 1932, which provided  
the surveys included under Group No. 246, bearing the approval of the  
mmissioner of the General Land Office under date of July 22, 1932  
l assignment instructions dated May 24, 1934.  
plemental Assignment Instructions dated August 7, 1941.  
plemental Assignment Instructions dated May 15, 1942.

Survey commenced September 25, 1941.

Survey completed June 25, 1942.

# INDEX DIAGRAM.

Township 17 South, Range 14 East.

				4	2
6	5	4	3	2 2	1 4
				40	39
7	8	9	10	2 0	1 3
				36	35
16	17	18	15	1 9	1 1
				32	31
19	20	21	22	1 8	1 0
				29	27
20	29	28	27	1 6	9
				25	24
31	32	33	34	1 5	8
				7	5

## TOWNSHIP 17 SOUTH, RANGE 14 EAST

Survey commenced September 25, 1941, and executed by J. C. Clark, Assistant Cadastral Engineer, with a W. and L. E. Gurley solar transit, serial No. 38118. The instrument is equipped with a Smith solar attachment and full vertical circle, the horizontal limb being provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circle.

The instrument was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error, was approved by the district cadastral engineer for district No. 4, in supplemental assignment instructions dated August 7, 1941 and May 15, 1942, conditional upon satisfactory field tests. I also examined all the instrumental adjustments and corrected all errors before commencing the survey of this part of the township.

The directions of the lines were determined by the solar transit method. The measurements were made with Lallie steel tapes, 5 and 8 chains in length, graduated every link for the first 100 links, and the balance at intervals of 10 links. The tapes were tested by comparison with a Lufkin standard and found correct. All measurements were made on the slope, and the vertical angle of each interval was ascertained by clinometers in good adjustment; and the horizontal equivalents are entered in the field note record:

The data furnished with the special instructions give the approximate geographic position for the SE. cor. of the Tp., as follows: latitude  $39^{\circ}17' N.$ , and longitude  $110^{\circ}18' W.$

The observed general average magnetic declination is  $15^{\circ}45'$  east, which gives the magnetic bearing of the true meridian,  $N.15^{\circ}45'W.$

Sept. 14, 1941, in camp in the center of section 15, T. 18 S., R. 14 E., at 8h 13.5m p. m., l. m. t., or 8h 35.0m p. m. by my watch, which reads correct 105th meridian time as determined by radio signals, I observe Polaris at eastern elongation, making two sights each with the telescope in direct and reversed positions, and place a nail at the mean point on a peg driven firmly in the ground 10 chains N.

Sept. 15, after sunrise, I lay off the azimuth of Polaris,  $1^{\circ}19'$  and make a meridian mark on a second peg, 22.98 lks. (15.17 ft.) to the west of the mean point in the line determined by the observation; I verify the angle by a vernier reading of the instrument.

Sept. 15 and Nov. 9, 1941, the instrument was tested on the meridian just described, every 30 minutes during the hours suitable for solar work, and it was ascertained that the solar attachment determined positions for meridians that agreed within  $1'30''$  of the Polaris meridian.

May 24, 1942, in camp in the center of section 15, T. 18 S., R. 14 E.; at 3h 41.1m a. m., l. m. t., or 4h 2.4m a. m. by my watch, which reads correct 105th meridian time as determined by radio signals, I observe Polaris at eastern elongation, making two sights each with the telescope in direct and reversed positions, and place a nail at the mean point on a peg driven firmly in the ground 10 chains N.

After sunrise, I lay off the azimuth of Polaris,  $1^{\circ}18'30''$  and make a meridian mark on a second peg, 22.93 lks. (15.07 ft.) to the west of the mean point in the line determined by the observation; I verify the angle by a vernier reading of the instrument.

May 25 and June 21, 1942, the instrument was tested on the meridian just described, every 30 minutes during the hours from 7:00 to 10:30 a. m. and from 1:30 to 5:00 p. m.,

## TOWNSHIP 17 SOUTH, RANGE 14 EAST

## Chains

and ascertained that the resulting determinations for meridian, when compared with the meridian established by Polaris observation, had a maximum error of less than 1'30".

Latitude and declination were determined at noon whenever practicable, and the instrument was tested frequently and kept in adjustment during the progress of the survey of this part of the township.

The lines of the original surveys were retraced, and search was made for evidence of the original corners and accessories, before reconstructing or restoring the corners on the dependent resurveys. After the corners were identified or restored, their positions were remonumented and witnessed.

The position of each lost corner was located by the rules of proportionate measurement, after completing the retracements between the identified original corners.

SEE TO PLAN.

DEPENDENT RESURVEY OF A PORTION OF  
SOUTH BOUNDARY OF T. 16 S., R. 14 E.  
AS ORIGINALLY SURVEYED BY  
J. C. DICK, DEPUTY SURVEYOR IN 1905

Commence at the cor. of Tps. 16 and 17 S., R. 14 E., which is a yellow sandstone, 12x12x7 ins. above ground, firmly set, marked with C notches on each of the N. and S. edges and 6 grooves on the W. face, and witnessed by

A cedar, 5 ins. diam., bears S.48°15'W., 110 lks. dist., mkd. T 17 S R 14 E S 1 B T.

A cedar, 14 ins. diam., bears N.3°30'W., 39 lks. dist., mkd. T 16 S R 14 E S 36 B T.

This cor. is located in the bottom of a canyon, known as a fork of Little Park Wash, and stands on an island or piece of land about 60 lks. wide and 3 chs. in length, bearing N.20°E. and S.20°W. This tract of land has been isolated or formed by the dividing of the wash, and makes the cor. unsafe from erosion.

N.89°41'W., on a true line on a dependent resurvey bet. secs. 1 and 36, along the S. bdy. of T. 16 S., R. 14 E.

Over level bottom of a fork of Little Park Wash, through scattering timber and undergrowth.

0.50 Wash, 30 lks. wide, 3 ft. deep, drains SW.

1.00 Leave bottom of fork of Little Park Wash, bears NE. and SW.; begin ascent of 5 ft. over SE. slope to

1.51 Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for witness cor. of Tps. 16 and 17 S., R. 14 E., with brass cap mkd.

T16S	T17S
R14E	R15E
S36 W	
S1 C	S6
T17S	

1941

from which

A pinon pine, 6 ins. diam., bears S.59°30'E., 80 lks. dist., mkd. W C T 17 S R 14 E S 1 B T.



## DEPENDENT RESURVEY OF A PORTION OF SOUTH BOUNDARY OF T. 16 S., R. 14 E.

## Chains

- A pinon pine, 12 ins. diam., bears N.0°07'W., 101 lks. dist.; mkd. W C T 16 S R 14 E S 36 B T.
- 13.80 Spur, 50 ft. above witness Tp. cor., slopes SW. about 2.50 chs. dist.; desc. 60 ft.
- 25.10 Stock trail, bears NW. to Little Park and SE.
- 25.30 Draw, drains S.; asc. SE. slope 85 ft.
- 34.30 Spur, projects S.25°W. approximately 20 chs. dist.; enter heavy timber, bears NE. and SW.; desc. NW. slope 60 ft. to
- 39.88 The  $\frac{1}{4}$  sec. cor. of sec. 36, which is a yellow sandstone, 24x14x3 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set 8 ins. in the ground, and witnessed by

A pinon pine, 16 ins. diam., bears S.19°30'W., 44 lks. dist., mkd.  $\frac{1}{4}$  S 1 B T.

A pinon pine, 34 ins. diam., bears N.69°15'W., 46 lks. dist., mkd.  $\frac{1}{4}$  S 36 B T.

This  $\frac{1}{4}$  sec. cor. now pertains to secs. 1 and 36.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, with the original stone deposited at the base, and in a mound of stone, 6 ft. base, 2 $\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S36  
 $\frac{1}{4}$  ———  
S1  
1941

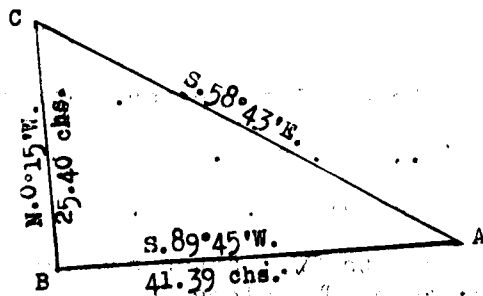
Thence,

S.89°45'W., with continuous measurement.

- 45.60 Wash, 100 lks. wide, 4 ft. deep, in the bottom of gulch, known as a fork of Little Park Wash, 45 ft. below  $\frac{1}{4}$  sec. cor., drains SW.; asc. SE. slope 260 ft.
- 63.76 Main ridge or divide, bears NE. and SW.; leave heavy timber, bears NE. and SW., and enter a sparse growth; desc. abrupt W. breaks of divide on general NW. slope, over which chaining is impracticable.

To determine the remaining distance bet. secs. 1 and 36, I triangulate as follows:

Designate this station as point A and set a flag B on line S.89°45'W. From flag B, measure a base line N.0°15'W. 25.40 chs. dist. to a flag C, from which point A bears S.58°43'E. All bearings are checked by direct reading of the solar and all angles are checked by deflection.



## DEPENDENT RESURVEY OF A PORTION OF SOUTH BOUNDARY OF T. 16 S., R. 1 E.

Chains

Distance on true line by direct measurement....63.76 chs.  
 Distance by triangulation.....41.39 chs.

105.15 "

Distance by return measurement from flag B....25.36 "

79.79 "

or at

79.79

True point or proportionate distance for cor. of secs. 35 and 36, bet. the  $\frac{1}{4}$  sec. cor. of secs. 1 and 36 and the cor. of secs. 34 and 35, on the S. bdy. of T. 16 S., R. 1 E., falls on a steep barren SE. slope, which is eroding away, making the reestablishment of a cor. monument impracticable. There is no evidence of the original stone cor.

The true or proportionate point for cor. of secs. 35 and 36 now pertains to the true point for cor. of secs. 1, 2, 35, and 36, Tps. 16 and 17 S., R. 14 E., and is located 985 ft. below triangulation point A, as given by a vertical angle of  $43^\circ$ .

From the true point for cor. of secs. 1, 2, 35, and 36,

N.  $0^\circ 01' W.$ , 1.21 chs. dist.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. of secs. 1, 2, 35, and 36, with brass cap mkd.

T16SR14E

S35 R36

S2 S1

T17S

WC

1942

of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor. raise a mound

This witness cor. stands on top of spur, projecting SW., 50 ft. above true point for cor. of said secs.

On the W. breaks of the main divide, about 1 ch. W. of triangulation point A, the line passes over a series of several nearly perpendicular sandstone ledges, about 40 to 100 ft. high, bearing NE. and SW. A large vein of coal, several ft. thick, is exposed bet. two of the higher ledges near the top of the mountain.

Land, steep and mountainous; rough with sandstone ledges and outcroppings, and shale; general drainage S., E. 63.76 chs.; SW., W. 16.03 chs.

Soil, rocky and shallow red sand and blue clay, 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, yellow top, and bunch grass.

Grazing, good on E.  $\frac{1}{2}$  mile, poor on W.  $\frac{1}{2}$  mile.

From the true point for cor. of secs. 1, 2, 35, and 36, S.  $89^\circ 45' W.$ , bet. secs. 2 and 35.

Over bad lands; asc. 20 ft. along abrupt barren SE. slope.

5.90

Spur, projects SW.; enter scattering timber and undergrowth; desc. NW. slope 305 ft.

# INDEPENDENT RESURVEY OF A PORTION OF SOUTH BOUNDARY OF T. 16 S., R. 14 E.

## Chains

- 13.60 Leave timber.
- 20.60 Wash, 25 lks. wide, 4 ft. deep, in the bottom of draw, drains SW.; asc. E. slope 20 ft.
- 21.00 Spur, slopes S. about 1.50 chs. dist.; desc. 20 ft.
- 21.90 Wash, 40 lks. wide, 7 ft. deep, in the bottom of draw, drains S.; asc. E. slope 20 ft. to
- 22.65 Proportionate distance for cor. of secs. 2 and 3, T. 17 S., R. 14 E., bet. the  $\frac{1}{4}$  sec. cor. of secs. 1 and 36 and the cor. of secs. 34 and 35, on the S. bdy. of T. 16 S., R. 14 E. There is no evidence of the original cor. of secs. 2 and 3.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock, with a sandstone, 5x4x3 ins., mkd. X, deposited at the base, and in a mound of stone, 5 $\frac{1}{2}$  ft. base, 2 ft. high, for cor. of secs. 2 and 3, with brass cap mkd.

T16SR14E

S 35

S3 | S2

T17SR14E

1942

From this cor., the original cor. of secs. 34 and 35, on the S. bdy. of T. 16 S., R. 14 E., which is a sandstone, 10x10x7 ins. above ground, firmly set, mkd. with 2 notches on E. and 4 notches on W. edges, and witnessed on the W. by a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, bears S.89°45'W. 57.17 chs. dist.

I change the mound of stone from its position on the W. to N. of the cor.

Land, steep and rough bad lands, draining generally SW.; gray sandstone, gray and blue shale, and basalt formation.

Soil, shallow and rocky red sand, and gray and blue clay, mixed with shale, 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, shadscale, yellow top, bunch, and sand grass.

Grazing, poor.

## SURVEY OF A PORTION OF SOUTH BOUNDARY OF T. 17 S., R. 14 E.

From the original stone cor. of Tps. 16 and 17 S., R. 14 E.,

South, on a random line for alignment only, along the E. bdy. of T. 17 S., R. 14 E. to the point of intersection of a line projected east from the original cor. of secs. 2, 3, 34, and 35, on the S. bdy. of T. 17 S., R. 14 E., hereinafter described.

At the point of intersection.

## SURVEY OF A PORTION OF SOUTH BOUNDARY OF T. 17 S., R. 14 E.

## Chains

Set an iron post, 3 ft. long, 3 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 8 ft. base,  $2\frac{1}{2}$  ft. high, for cor. of Tps. 17 and 18 S., R. 14 E., with brass cap mkd.

T17S	T18S
R14E	R15E
S36	
S1	S6
T18S	

1941

from which

A pinon pine, 6 ins. diam., bears S.  $35^{\circ}45'W.$ , 78 lks. dist., mkd. T 18 S R 14 E S 1 B T.

A pinon pine, 5 ins. diam., bears N.  $54^{\circ}30'W.$ , 81 lks. dist., mkd. T 17 S R 14 E S 36 B T.

Thence,

West, on a true line bet. secs. 1 and 36, along the S. bd of T. 17 S., R. 14 E.

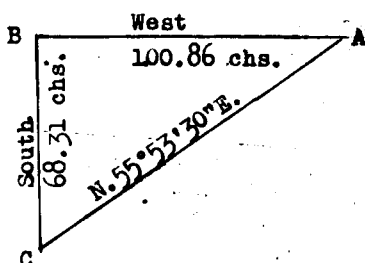
Asc. 20 ft. over rough mountain top, through scattering timber and sparse undergrowth.

4.50 Main ridge or divide, bears NW. and SE.; leave timber; desc. SW. slope 15 ft. to

5.20 Top of a series of three nearly perpendicular sandstone ledges, 30 to 100 ft. high, bearing NW. and SE.

From this point, the line descends over the steep rugged SW. breaks of divide, making chaining impracticable. Therefore, I make the following triangulation:

Set a flag A at the 4.50 chs. point and erect a flag B west on line. From flag B, measure a base line south 68.3 chs. dist. to a flag C, from which flag A bears N.  $55^{\circ}53'30''E.$  All bearings verified by direct reading of the solar and all angles are checked by deflection.



Distance on true line by direct measurement... 4.50 chs.

Distance by triangulation..... 100.86 "

105.36 "

Distance by return measurement from flag B.... 70.16 "

35.20 "

or at

35.20 Base of steep descent, 1385 ft. below flag A on top of main divide, bears NE. and SW., and draw, near head, drains SW. approximately 7 chs. dist., thence N.  $70^{\circ}W.$

Thence,

West, by direct measurement.

38.40 Spur, 35 ft. above head of draw, slopes SW. about 8 chs. dist.; desc. gradually 25 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

## SURVEY OF A PORTION OF SOUTH BOUNDARY OF T. 17 S., R. 14 E.

Chains

ground, for  $\frac{1}{4}$  sec. cor. of sec. 36, with brass cap mkd.

$\frac{1}{4}$  S36

1941

of stone, 3 ft. base, 2 ft. high, N. of cor. raise a mound

This cor. is located 1350 ft. below flag A on top of main divide as given by a vertical angle of  $30^\circ$ .

61.60 Draw, 205 ft. below  $\frac{1}{4}$  sec. cor. of sec. 36, drains SW.; asc. abruptly 45 ft.

72.70 Spur, slopes SW. about 8 chs. dist.; desc. broken general NW. slope 40 ft. to

80.00 True point for cor. of secs. 35 and 36 falls on a steep and barren slope, which is breaking and eroding away, making the establishment of a cor. monument unsafe and impracticable.

A witness cor. to the cor. of secs. 35 and 36 is subsequently established west 1.03 chs. dist. from true point for cor. of said secs., on S. bdy. of sec. 35.

Land, steep and rough mountainous, E.  $\frac{1}{2}$  mile; rolling and broken bad lands, W.  $\frac{1}{2}$  mile; drainage E., E. 4.50 chs.; SW., W. 75.50 chs.; gray and blue shale and red sandstone.

Soil, shallow red sand, and gray and blue clay mixed with shale, 4th. rate.

Timber, cedar.

Undergrowth, shadscale, yellow top, gramma, bunch, and sand grass.

Grazing, poor.

From the true point for cor. of secs. 35 and 36,

West, along the S. bdy. of sec. 35.

Over rolling and broken bad lands, through scattering short undergrowth; desc. general NW. slope 75 ft.

1.03 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. of secs. 35 and 36, with brass cap mkd.

T17SR14E

S35 | S36 WC

1941

of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. raise a mound

This witness cor. stands 15 ft. above the true point for cor. of secs. 35 and 36.

9.30 Draw, drains SW.; asc. broken general E. slope 85 ft., over several small draws and spurs, putting S.

16.00 Spur, from N., projects SW. about 1 ch. dist. to W. edge of bench; desc. rolling and broken general SW. slope 35 ft. to cor. of secs. 2, 3, 34, and 35.

## SURVEY OF A PORTION OF SOUTH BOUNDARY OF T. 17 S., R. 14 E.

## Chains

221250

- 16.90 Top of blue shale and yellow sandstone perpendicular ledge or W. rim of bench, 15 ft. high, bears N.15°W. and S.15°E.
- 24.03 The cor. of secs. 2, 3, 34, and 35, which is a sandstone, 18x7x3 ins., mkd. with 2 notches on E. and 4 notches on W. edges, firmly set 6 ins. in the ground and surrounded by a small mound of stone, but no other accessories.

At point for cor. .

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 2, 3, 34, and 35, with brass cap mkd.

T17SR14E

S34 | S35

S3 | S2

T18S

1941

raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling and broken bad lands, draining SW.; red and yellow sandstone and blue and gray shale formation.

Soil, shallow red sand and blue and gray clay mixed with shale, 4th. rate.

Timber, none.

Undergrowth, shadscale, yellow top, gramma, bunch, and sand grass.

Grazing, poor to fair.

## SURVEY OF THE EAST BOUNDARY OF T. 17 S., R. 14 E.

From the cor. of Tps. 17 and 18 S., R. 14 E.,

North, on a true line along the E. bdy. of sec. 36, on the E. bdy. of T. 17 S., R. 14 E.

Over rough mountainous land, through medium heavy timber and scattering undergrowth; asc. S. slope 15 ft.

- 2.90 Spur, projects easterly; desc. N. slope 165 ft.
- 10.90 Ravine, drains N.80°E.; asc. 80 ft.
- 16.90 Spur, projects N.80°E. about 12 chs. dist.; desc. gradual NW. slope 35 ft. to
- 24.50 Top of broken ledge or S. rim of canyon, 25 ft. high, bears N.60°E. and S.60°W.; abrupt descent of 155 ft.
- 30.40 Rugged canyon or gulch, drains E.; asc. steep S. slope 120 ft. to
- 33.80 Top of broken ledge or N. rim of canyon, 25 ft. high, bears NE. and W.; asc. S. slope 45 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 2½ ft. high, for ¼ sec. cor. of sec. 36, with brass cap mkd.

## SURVEY OF THE EAST BOUNDARY OF T. 17 S., R. 14 E.

## Chains

 $\frac{1}{4}$  S36

1941

from which

A pinon pine, 10 ins. diam., bears S.75°00'W., 29 lks. dist., mkd.  $\frac{1}{4}$  S.36 B T.

A pinon pine, 6 ins. diam., bears N.74°45'W., 84 lks. dist., mkd.  $\frac{1}{4}$  S 36 B T.

45.90 Spur, 45 ft. above  $\frac{1}{4}$  sec. cor. of sec. 36, projects E. approximately 25 chs. dist.; desc. N. slope 210 ft.

67.60 Ravine, heads S.70°W. about 12 chs. dist., drains E.; steep ascent of 145 ft.

72.10 Spur, from N.80°W., projects S.80°E. about 1.50 chs., then slopes abruptly E. approximately 15 chs. dist.; desc. steep NE. slope 225 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25 and 36, with brass cap mkd.

T17S	T17S
S25	R15E
S36	S31
R14E	

1941

from which

A pinon pine, 3 ins. diam., bears S.83°15'W., 57 lks. dist., mkd. B T.

A pinon pine, 3 ins. diam., bears N.75°30'W., 117 lks. dist., mkd. B T.

Land, steep and mountainous, draining easterly; boulders, ledges, and surface rock of gray sandstone formation.

Soil, shallow sandy clay, mostly rock exposed, 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush and bunch grass.

Grazing, good on a few small portions of mile.

North, along the E. bdy. of sec. 25.

Desc. abrupt rough NE. slope 175 ft., through scattering timber and undergrowth.

9.50 Ravine, drains E.; asc. steep S. slope 200 ft.

16.90 S. edge of flat top spur, bears E. and W.; enter heavy timber, bears E. and W.; over nearly level top to

23.30 N. edge of flat top spur, bears E. and W.; leave heavy timber, bears E. and W., continue through a scattering to medium growth; desc. abrupt N. slope 175 ft.

29.30 Draw, drains E.; asc. 55 ft.

29.40 Stock and pack trail, known as Little Park Trail, bears E. and W.

## 109 SURVEY OF THE EAST BOUNDARY OF T. 17 S., R. 14 E.

Chains

ar 18 10

32.30	Top of ascent, slopes E. about 7 chs. dist.; desc. 55 ft. to								
40.00	Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to bedrock, with a sandstone, 10x5x4 ins., mkd. X, deposited at the base, and in a mound of stone, 6 ft. base $2\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. of sec. 25, with brass cap mkd.								
	$\frac{1}{4}$ S25								
	1941								
	There are no trees available suitable for marking.								
	This cor. is located in the bottom of a small depression or draw, draining E.								
45.70	Top of ascent, 55 ft. above $\frac{1}{4}$ sec. cor. of sec. 25, slope E. approximately 5 chs. dist.; desc. 125 ft.								
54.10	Wash, .120 lks. wide, 2 ft. deep, in the bottom of a canyon known as Little Park Wash, drains S.70°E.; asc. 185 ft. to cor. of secs. 24 and 25, along rough E. side of canyon.								
54.60	Stock and pack trail, known as Little Park Trail, bears NW. and SE.								
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base $2\frac{1}{2}$ ft. high, for cor. of secs. 24 and 25, with brass cap mkd.								
	<table> <tr> <td>T17S</td><td>T17S</td></tr> <tr> <td>S24</td><td></td></tr> <tr> <td>S25</td><td>R15E</td></tr> <tr> <td>R14E</td><td>S30</td></tr> </table>	T17S	T17S	S24		S25	R15E	R14E	S30
T17S	T17S								
S24									
S25	R15E								
R14E	S30								
	1941								
	from which								
	A pinon pine, 5 ins. diam., bears S.57°45'W., 67 lks. dist., mkd. T 17 S R 14 E S 25 B T.								
	A pinon pine, 6 ins. diam., bears N.59°30'W., 146 lks. dist., mkd. T 17 S R 14 E S 24 B T.								
	Land, steep and mountainous, draining generally S.; ledges and boulders of gray and yellow sandstone formation.								
	Soil, shallow clay and sandy clay, 4th. rate.								
	Timber, cedar and pinon pine.								
	Undergrowth, black sagebrush, shadscale, yellow top, and bunch grass.								
	Grazing, good on portions of mile.								
	North, along the E. bdy. of sec. 24.								
	Asc. 70 ft. along rough general W. slope, through scattering timber and undergrowth.								
18.70	Top of ascent, bears E. and W.; desc. N. slope 80 ft.								
22.60	Enter heavy timber, bears E. and W.								



... SURVEY OF THE EAST BOUNDARY OF T. 17 S., R. 14 E.

Chains

- 30.50 Ravine, drains W.; asc. 80 ft. to  $\frac{1}{4}$  sec. cor. of sec. 24, over rough general SW. slope.
- 39.60 Leave heavy timber, bears NW. and SE., and enter scattering.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 24, with brass cap mkd.

$\frac{1}{4}$  S24

1941

from which

A cedar, 6 ins. diam., bears S.74°12'W., 33 lks. dist., mkd.  $\frac{1}{4}$  S 24 B T.

A pinon pine, 3 ins. diam., bears N.69°45'W., 42 lks. dist., mkd. B T.

- 58.00 Rugged spur, 310 ft. above  $\frac{1}{4}$  sec. cor. of sec. 24, projects W. approximately 20 chs. dist.; enter heavy timber, bears E. and W.; desc. abruptly 330 ft., along rough general NW. slope to

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone,  $4\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, for cor. of secs. 13 and 24, with brass cap mkd.

T17S	T17S
S13	
S24	R15E
R14E	S19

1941

from which

A pinon pine, 8 ins. diam., bears S.15°00'W., 11 lks. dist., mkd. T 17 S R 14 E S 24 B T.

A cedar, 6 ins. diam., bears N.36°00'W., 74 lks. dist., mkd. T 17 S R 14 E S 13 B T.

Land, steep and mountainous, draining generally S.; outcroppings and rimrock of red and gray sandstone and basalt formation.

Soil, shallow clay and red sandy clay, 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, yellow top, black sagebrush, shadscale, and bunch grass.

Grazing, good on portions of mile.

North, along the E. bdy. of sec. 13.

Desc. 85 ft. over rough NW. slope, through heavy timber and scattering undergrowth.

- 16.30 Top of broken and nearly perpendicular sandstone ledge or S. rim of canyon, known as Little Park Wash, 90 ft. high, bears NE. and SW.; leave heavy timber, bears NE. and SW., and enter scattering; desc. abruptly 165 ft.

## SURVEY OF THE EAST BOUNDARY OF T17S., R. 14 E.

Chains

area 10

- 18.50 Wash, 100 lks. wide, 2 ft. deep, in the bottom of the canyon, drains SW.; asc. steep SE. slope 165 ft.
- 22.70 Top of broken and nearly perpendicular sandstone ledge on N. rim of canyon, known as Little Park Wash, 100 ft. high, bears NE. and SW.; desc. 60 ft. over rolling top of spur, projecting E. about 15 chs. dist., through scattering to a medium heavy growth of timber, to
- 29.30 Top of broken and nearly perpendicular sandstone ledge on S. rim of same canyon as noted at 18.50 chs., 120 ft. high, bears E. and W.
- 30.80 Wash, 50 lks. wide, 4 ft. deep, in the bottom of the canyon, at the base of the ledge, drains E.; asc. abruptly 105 ft.
- 32.30 Top of broken and nearly perpendicular sandstone ledge on N. rim of same canyon, 100 ft. high, bears E. and W.; begin gradual ascent of 55 ft. over S. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 5½ ft. base, 2½ ft. high, for ¼ sec. cor. of sec. 13, with brass cap mkd.

¼ S13

1941

from which

A pinon pine, 7 ins. diam., bears S.27°30'W., 64 lks. dist., mkd. ¼ S 13 B T.

A pinon pine, 8 ins. diam., bears N.58°00'W., 98 lks. dist., mkd. ¼ S 13 B T.

- 59.60 Spur, 350 ft. above ¼ sec. cor. of sec. 13, projects W. approximately 15 chs. dist.; desc. N. slope 355 ft.
- 74.50 Top of broken and nearly perpendicular sandstone ledge, 90 ft. high, bears E. and W.; leave medium heavy growth of timber, bears with top of ledge, continue through scattering.
- 76.20 Wash, 50 lks. wide, 5 ft. deep, at the mouth of Williams Canyon, from E., drains W.; along level bottom and near E. side of canyon, known as Little Park Wash, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 12 and 13, with brass cap mkd.

T17S T17S

S12 R15E

S13 S18

R14E S18

1941

from which

A cedar, 7 ins. diam., bears S.68°10'W., 388 lks. dist., mkd. T 17 S R 14 E S 13 B T.

A cedar, 5 ins. diam., bears N.74°22'W., 446 lks. dist., mkd. T 17 S R 14 E S 12 B T.

Land, steep and mountainous, draining generally S.; outcroppings and ledges of gray and red sandstone and basalt formation.

Soil, shallow and rocky clay and red sandy clay, 4th. rate.

## SURVEY OF THE EAST BOUNDARY OF T. 17 S., R. 14 E.

## Chains

Timber, cedar and pinon pine.

Undergrowth, yellow top, black sagebrush, shadscale, and bunch grass.

Grazing, good on portions of mile.

North, along the E. bdy. of sec. 12.

Over nearly level bottom and near E. side of canyon, known as Little Park Wash, through scattering timber and undergrowth.

- 8.00 Top of perpendicular sandstone ledge or NE. rim of the canyon, 65 ft. high, bears N.20°W. and S.20°E.; asc. 130 ft. over general SW. slope, through heavy timber, bearing with top of ledge.
- 28.00 Spur, projects W. about 5 chs. dist.; desc. abrupt rough N. slope 140 ft.
- 35.50 Leave heavy timber, bears E. and W., and enter scattering.
- 36.50 Wash, 200 lks. wide, 4 ft. deep, in the bottom of canyon, known as Little Park Wash, drains from NE. to W.; mouth of ravine, from E., drains into the wash at this point; asc. gradual SE. slope 15 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base,  $1\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor. of sec. 12, with brass cap mkd.
- $\frac{1}{4}$  S 12
- 1941
- from which
- A cedar, 5 ins. diam., bears S.53°00'W., 217 lks. dist., mkd.  $\frac{1}{4}$  S 12 B T.
- There are no other trees available in sec. 12.
- 41.80 Top of ascent on E. slope, 10 ft. above  $\frac{1}{4}$  sec. cor. of sec. 12; desc. gradually 25 ft.
- 43.50 Stock and pack trail, known as Little Park Trail, bears NW. and SE.
- 46.50 Wash, 120 lks. wide, 3 ft. deep, in the bottom of the same canyon as noted at 36.50 chs., drains SE.; asc. abrupt rough SW. slope 235 ft.
- 48.50 Enter a medium heavy growth of timber, bears NW. and SE.
- 59.30 Leave medium heavy growth of timber, bears E. and W., and enter scattering.
- 60.90 Spur, projects W. approximately 7 chs. dist.; desc. 50 ft., along grassy general NW. slope, through sparse undergrowth.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for cor. of secs. 1 and 12, with brass cap mkd.

## SURVEY OF THE EAST BOUNDARY OF T. 17 S., R. 14 E.

Chains

T17S	T17S
S1	R15E
S12	S7
R14E	

1941

from which

A pinon pine, 4 ins. diam., bears S.77°30'W., 252 lks. dist., mkd. T 17 S R 14 E S 12 B T.

A pinon pine, 14 ins. diam., bears N.36°15'W., 234 lks. dist., mkd. T 17 S R 14 E S 1 B T.

Land, steep and rough mountainous, draining generally S.; red and gray sandstone and basalt formation.

Soil; shallow and rocky red sand and red sandy clay; 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, black sagebrush, yellow top, shadscale, and bunch and sand grass.

Grazing, excellent growth of bunch and sand grass on greater portion of mile.

North, along the E. bdy. of sec. 1.

Desc. grassy general NW. slope 15 ft., through scattering timber and sparse undergrowth.

5.50 Draw, drains S.60°W.,; asc. abruptly 230 ft.

5.54 A barbed wire fence, bears N.60°E. and S.60°W.

18.90 Enter heavy timber, bears NW. and SE.

19.10 Top of ascent, sloping S.60°W. approximately 12 chs. dist. desc. 265 ft. to  $\frac{1}{4}$  sec. cor. of sec. 1, over NW. slope.

30.90 Leave heavy timber, bears NE. and SW., and enter scattering.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 1, with brass cap mkd.

 $\frac{1}{4}$  S1

1941

from which

A cedar, 6 ins. diam., bears S.82°15'W., 58 lks. dist., mkd.  $\frac{1}{4}$  S 1 B T.

A cedar, 5 ins. diam., bears N.26°15'W., 47 lks. dist., mkd.  $\frac{1}{4}$  S 1 B T.

42.20 Wash, 40 lks. wide, 2 ft. deep, in the bottom of ravine, 25 ft. below  $\frac{1}{4}$  sec. cor. of sec. 1, drains W. about 8 chs. dist. into Little Park Wash; asc. abrupt rough S. slope 380 ft. to

55.00 S. edge or rim of flat topped ridge, bears N.70°W. and S.70°E.; enter heavy timber, bears same as rim of ridge; asc. gradual S. slope 15 ft. across top.

## SURVEY OF THE EAST BOUNDARY OF T. 17 S., R. 14 E.

- Chains
- 64.30 Top of ascent, bears E. and W.; desc. gradual N. slope 40 ft. to
- 77.10 N. edge or rim of the flat topped ridge, bears NE. and SW.; begin steep descent of 240 ft., over rough NW. slope.
- 80.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock, and in a mound of stone,  $5\frac{1}{2}$  ft. base,  $2\frac{1}{4}$  ft. high, for cor. of lots 1 and 8, sec. 1, with brass cap mkd.

$$\begin{array}{r} 1 \\ S1 - \\ 8 \end{array}$$

1941

from which

A pinon pine, 10 ins. diam., bears S.  $16^{\circ}00'W.$ , 32 lks. dist., mkd. LOT 8 S1 B T.

A pinon pine, 12 ins. diam., bears N.  $56^{\circ}00'W.$ , 9 lks. dist., mkd. LOT 1 S1 B T.

This cor. is located 90 ft. below N. rim of ridge.

- 84.20 Base of descent, bears NE. and SW.; leave heavy timber, bears with base of descent, and enter scattering; over level bottom of canyon, known as a fork of Little Park Wash, to Tp. cor.
- 84.90 Wash, 70 lks. wide, 4 ft. deep, drains SW.
- 85.94 The original stone cor. of Tps. 16 and 17 S., R. 14 E.
- Land, rough mountainous, draining generally S.; gray sandstone ledges, boulders, and outcroppings.
- Soil, shallow and rocky red sand and red sandy clay, 4th. rate.
- Timber, cedar and pinon pine.
- Undergrowth, black sagebrush, yellow top, and bunch grass.
- Grazing, poor to fair.

DEPENDENT RESURVEY OF A PORTION OF THE  
SUBDIVISION OF T. 17 S., R. 14 E.  
AS ORIGINALLY SURVEYED BY  
FRANK E. BAXTER, DEPUTY SURVEYOR, IN 1894

Commence at the reestablished cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp.

N.  $0^{\circ}08'E.$ , on a true line on a dependent resurvey bet. secs. 34 and 35.

Over rolling bad lands, through scattering short undergrowth; gradual ascent of 50 ft.

- 18.20 Wash, 20 lks. wide, 4 ft. deep, drains S.  $20^{\circ}W.$
- 18.80 Spur off bluff from bench, projects W. approximately 25 chs. dist.; desc. 20 ft.

DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R.

Chains	
24.50	Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains W.; asc. SW. slope 105 ft. to
33.50	Top of perpendicular shale ledge or bluff, 15 ft. high, bears NW. and SE., on W. edge of bench; gradual ascent of 10 ft., over rolling grassy top.
34.80	Top of ascent, bears NE. and W.; desc. N. slope 25 ft. to
40.03	Proportionate distance; there is no evidence of the original stone monument or accessories.  Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.  <div style="text-align: center;"><math>\frac{1}{4}</math> S34   S35 1941</div>
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
49.70	Wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, 45 ft. below $\frac{1}{4}$ sec. cor., drains SW.; asc. rolling and broke general SE. slope 105 ft.
69.60	Stock and pack trail, known as Little Park Trail, follows along top of ridge, bearing NE. and SW.; desc. gradual NW slope 20 ft.
79.60	Wash, 10 lks. wide, 3 ft. deep, in the bottom of draw, drains NW.; asc. SW. slope 5 ft. to
80.06	The cor. of secs. 26, 27, 34, and 35, which is a red sand stone, 16x8x6 ins., mkd. with 1 notch on S. and 2 notches on E. edges, firmly set 8 ins. in the ground and surrounded by a small mound of stone, but no other accessories.  At point for cor.  Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 26, 27, 34, and 35, with brass cap mkd.  <div style="text-align: center;">T17SR14E S27   S26 S34   S35 1941</div>
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling and broken, draining SW.; gray sandstone, gray and blue shale, and basalt formation.
	Soil, red sand and varied colored clays mixed with shale, 3rd. and 4th. rate.
	Timber, none.
	Undergrowth, sparse to scattering shadscale and yellow top; gramma and sand grass.
	Grazing, poor on S. $\frac{1}{2}$ mile; good on N. $\frac{1}{2}$ mile.
	N. 0° 05' E., along the E. edge, 37 sec. 27.

# DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

## Chains

Over rolling and rocky land, through scattering undergrowth; gradual ascent of 15 ft. to  $\frac{1}{4}$  sec. cor. of sec. 27.

8.90 Wash, 10 lks. wide, 2 ft. deep, drains SW.

14.80 Wash, 20 lks. wide, 4 ft. deep, drains S.30°W.

39.73 The  $\frac{1}{4}$  sec. cor., which is a sandstone, 11x9x5 ins., lying on top of ground and surrounded by a small mound of stone, and mkd.  $\frac{1}{4}$  on top face, but no evidence of other accessories.

This  $\frac{1}{4}$  sec. cor. now pertains to sec. 27, only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor. of sec. 27, with brass cap mkd.

$\frac{1}{4}$  S27

1941

of stone, 2 $\frac{1}{2}$  ft. base, 2 ft. high, W. of cor. raise a mound

Thence,

N.0°07'E.,

10.20 Wash, 10 lks. wide, 5 ft. deep, drains W.

25.10 Wash, 10 lks. wide, 2 ft. deep, drains SW.

40.50 The cor. of secs. 22, 23, 26, and 27, which is a sandstone, 18x12x3 ins., mkd. with 2 notches on each of the S. and E. edges, firmly set 10 ins. in the ground, and witnessed on the W. by a mound of stone, 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high.

This cor. now pertains to secs. 22 and 27, only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 22 and 27, with brass cap mkd.

T17S

S22

S27

R14E

1941

of stone, 2 $\frac{1}{2}$  ft. base, 2 ft. high, W. of cor. raise a mound

Land, rocky, rolling, and broken by numerous washes, draining SW.; gray sandstone and basalt formation.

Soil, rocky red sand and sandy clay, 3rd. and 4th. rate.

Timber, none.

Undergrowth, sparse and scattering shadscale and yellow top; dense gramma and sand grass.

Grazing, good.

## DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R.

Chains

N.0°08'E., along the E. bdy. of sec. 22.

Asc. 65 ft. to the  $\frac{1}{4}$  sec. cor. of sec. 22, over rolling, broken, and rocky land; through sparse to scattering undergrowth.

13.10 Wash, 20 lks. wide, 6 ft. deep, drains SW.

25.90 Wash, 20 lks. wide, 2 ft. deep, drains S.60°W.

29.60 Same wash, from NE., drains S.10°E.

39.99 The  $\frac{1}{4}$  sec. cor., which is a gray sandstone, 13x12x4 ins., mkd.  $\frac{1}{4}$  on W. face, and loosely set in a mound of stone, 3 ft. base, 1 ft. high, but not witnessed by other accessaries.

This  $\frac{1}{4}$  sec. cor. now pertains to sec. 22, only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor. of sec. 22, with brass cap mkd.

 $\frac{1}{4}$  S22

1941

of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor. raise a mound

Thence,

N.0°03'E.

4.70 Spur, 15 ft. above  $\frac{1}{4}$  sec. cor. of sec. 22, projects W.; desc. 45 ft.

11.30 Wash, 20 lks. wide, 4 ft. deep, drains W.

19.90 Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains S.70°W.; asc. 60 ft. to sec. cor.

35.40 Wash, 10 lks. wide, 2 ft. deep, drains S.30°W.

40.20 The cor. of secs. 14, 15, 22, and 23, which is a red sandstone, 24x7x6 ins., mkd. with 3 notches on S. and 2 notches on E. edges, firmly set 8 ins. in the ground, and witnessed on the W. by a mound of stone, 3 ft. base,  $1\frac{1}{2}$  ft. high.

This cor. now pertains to secs. 15 and 22, only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 15 and 22, with brass cap mkd.

T17S

S15

S22

R14E

1941

of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high; W. of cor. raise a mound

Land, rolling, rocky, and broken by large washes, draining SW.; sandstone, shale, and basalt formation.



## DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

## Chains

Soil, rocky red sand, and gray and blue clay mixed with shale, 4th. rate.

Timber, a few scattering cedar.

Undergrowth, shadscale and yellow top.

Grazing, fair to good of gramma, bunch, and sand grass.

N.0°16'E., along the E. bdy. of sec. 15.

Over rolling, rough, and broken land, through sparse to scattering undergrowth; desc. 10 ft.

- 1.00 Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains SW.; asc. 75 ft.
- 11.80 Spur, projects S.60°W.; desc. 25 ft.
- 12.60 Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains SW.; gradual ascent of 30 ft. to
- 16.80 Begin abrupt ascent of 140 ft. over SE. slope to
- 23.00 S. edge of top of knoll, bears NE. approximately 15 chs. dist. and SW. about 10 chs. dist.; asc. gradually 10 ft. across top, through sparse to scattering timber.
- 25.40 N. edge of top of knoll, bears NE. approximately 15 chs. dist. and SW. about 10 chs. dist.; leave timber; precipitous descent of 210 ft., over NW. slope.
- 38.80 Wash, 10 lks. wide, 3 ft. deep, in the bottom of draw, drains southwesterly; asc. SE. slope 10 ft. to
- 40.14 Proportionate distance; there is no evidence of the original stone monument or accessories.
- This proportionate point pertains to the  $\frac{1}{4}$  sec. cor. of sec. 15, only.
- Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, with a sandstone, 6x5x2 ins., mkd. X, deposited at the base, and in a mound of stone,  $4\frac{1}{2}$  ft. base, 2 ft. high, for  $\frac{1}{4}$  sec. cor. of sec. 15, with brass cap mkd.
- $\frac{1}{4}$  S15
- 1941
- 41.10 Spur, 20 ft. above  $\frac{1}{4}$  sec. cor. of sec. 15, projects W. about 2 chs. dist.; desc. 20 ft.
- 42.00 Wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, drains S.60°W.; asc. 65 ft.
- 45.90 Top of ascent, bears E. and W.; gradual descent of 10 ft.
- 52.10 Wash, 10 lks. wide, 3 ft. deep, in the bottom of draw, drains SW.; asc. 20 ft.
- 55.90 Top of ascent, bears E. and W.; desc. 65 ft.
- 74.50 Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains S.70°W.; asc. abrupt SE. slope 60 ft. to

## DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R.

Chains

80.28

The cor. of secs. 10, 11, 14, and 15, which is a red sandstone,  $19 \times 12 \times 3\frac{1}{2}$  ins., mkd. with 4 notches on S. and 2 notches on E. edges, firmly set 8 ins. in the ground and surrounded by a small mound of stone, but no other accessories.

This cor. now pertains to secs. 10 and 15, only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to solid rock, with the original stone deposited at the base, and in a mound of stone, 4 ft. base, 1 ft. high, for cor. of secs. 10 and 15, with brass cap mkd.

T17S	
S10	
S15	S11
R14E	

1941

Land, rolling; rough with large boulders, and broken by numerous large washes, draining SW.; sandstone, shale, and basalt formation.

Soil, rocky red sand, and gray and blue clay mixed with shale, 4th. rate.

Timber, cedar.

Undergrowth, shadscale and yellow top.

Grazing, fair to good of gramma, bunch, and sand grass.

N.  $0^{\circ}11'E.$ , along the E. bdy. of sec. 10.

Asc. abrupt rough SE. slope 20 ft., through sparse to scattering undergrowth.

0.60 Spur, projects S.  $70^{\circ}W.$  about 80 lks. dist., then slopes off abruptly; desc. 80 ft.

4.00 Wash, 10 lks. wide, 4 ft. deep, in the bottom of draw, drains S.  $70^{\circ}W.$ ; asc. 65 ft.

6.00 S. edge of bench, bears N.  $70^{\circ}E.$  and S.  $70^{\circ}W.$ ; asc. gradually 20 ft. across top.

15.00 Enter scattering timber.

33.00 N. edge of bench, bears E. and W.; desc. steep N. slope 65 ft.

36.50 Wash, 20 lks. wide, 2 ft. deep, in the bottom of draw, drains W.; asc. abrupt S. slope 75 ft. to

40.09 The  $\frac{1}{4}$  sec. cor., which is a red sandstone,  $17 \times 9 \times 7$  ins., mkd.  $\frac{1}{4}$  on W. face, firmly set 10 ins. in the ground and surrounded by a small mound of stone, but not witnessed by other accessories.

This  $\frac{1}{4}$  sec. cor. now pertains to sec. 10, only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in

# DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

Chains

the ground to solid rock, with the original stone deposited at the base, and in a mound of stone,  $4\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor. of sec. 10, with brass cap mkd.

 $\frac{1}{4}$  S10

1941

There are no trees available suitable for marking.

This cor. stands on top of spur, projecting W. about 3.50 chs. dist.

Thence,

N.  $0^{\circ}08'E$ .

1.70 Wash, 10 lks. wide, 3 ft. deep, in the bottom of draw, 75 ft. below  $\frac{1}{4}$  sec. cor. of sec. 10, drains SW.; asc. 80 ft.

10.90 Spur, projects S.  $80^{\circ}W$ .; desc. 45 ft.

12.80 Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains S.  $70^{\circ}W$ .; asc. 55 ft.

18.40 Spur, projects W.; desc. 55 ft.

22.50 Wash, 30 lks. wide, 7 ft. deep, in the bottom of draw, drains W.; asc. 80 ft.

28.00 Spur, projects W.; asc. 30 ft. across head of draw, draining W.

34.00 Spur, projects NW.; desc. NE. slope 45 ft. to

40.18 The cor. of secs. 2, 3, 10, and 11, which is a gray sandstone,  $15 \times 11 \times 9$  ins., mkd. with 5 notches on S. and 2 notches on E. edges, loosely set in a small mound of stone, but not witnessed by other accessories.

This cor. now pertains to secs. 3 and 10 only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone deposited at the base, for cor. of secs. 3 and 10, with brass cap mkd.

T17S	S2
S3	
S10	
R14E	
1941	

of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of cor. raise a mound

There are no trees available suitable for marking.

Land, rollings; rough with large boulders, and broken by numerous large washes, draining SW.; sandstone, shale, and basalt formation.

Soil, rocky red sand, and gray and blue clay mixed with shale, 4th rate.

Timber, cedar.

Undergrowth, shadscale and yellow top.

Grazing, fair to good of gramma, bunch, and sand grass.

## DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION OF T. 27 S., R.

## Chains

N. 0°18'E., along the E. bdy. of sec. 3.

Desc. rough NE. slope 15 ft.; through scattering timber and undergrowth.

0.70 Gulch, drains NW.; steep ascent of 110 ft.

3.50 Spur, projects NW. about 6 chs. dist.; desc. NE. slope 80 ft.

9.40 Wash, 10 lks. wide, 2 ft. deep, in the bottom of draw, drains N. 70°W.; asc. 70 ft.

14.10 Spur, projects W.; desc. 60 ft.

16.40 Wash, 10 lks. wide, 2 ft. deep, in the bottom of gulch, drains W.; gradual ascent of 60 ft., over rolling land to

40.09 The  $\frac{1}{4}$  sec. cor., which is a gray sandstone, 14x9x6 ins., mkd.  $\frac{1}{4}$  on W. face, and loosely set in a small mound of stone, but not witnessed by other accessories.

This  $\frac{1}{4}$  sec. cor. now pertains to sec. 3 only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone deposited at the base, for  $\frac{1}{4}$  sec. cor. of sec. 3, with brass cap mkd.

$\frac{1}{4}$  S3

1941

raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.

There are no available trees suitable for marking.

Thence,

N. 0°11'E.

3.80 Spur, 10 ft. above  $\frac{1}{4}$  sec. cor. of sec. 3, projects W.; desc. 85 ft.

8.20 Wash, 10 lks. wide, 2 ft. deep, in the bottom of gulch, drains W.; asc. 65 ft.

15.70 Spur, projects W.; desc. 50 ft.

23.40 Wash, 20 lks. wide, 3 ft. deep, in the bottom of gulch, drains W.; asc. 50 ft.

29.40 Spur, projects W.; desc. 40 ft.

35.70 Wash, 10 lks. wide, 2 ft. deep, in the bottom of gulch, drains SW.; asc. 15 ft.

37.70 Spur, projects S. 60°W.; desc. 15 ft.

38.00 Wash, 20 lks. wide, 2 ft. deep, in the bottom of gulch, drains SW.; asc. SE. slope 60 ft. to

44.59 The restored cor. of secs. 2 and 3, on the N. bdy. of the T. Land, rolling; rough with large boulders, and broken by numerous large washes, draining SW.; sandstone, shale, and basalt formation.

## DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

## Chains

Soil, rocky red sand, and gray and blue clay mixed with shale, 4th. rate.

Timber, cedar.

Undergrowth, shadscale and yellow top.

Grazing, poor to good of gramma, bunch, and sand grass..

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

Commence at the true point for cor. of secs. 35 and 36, on the S. bdy. of the Tp., which is east 1.03 chs. dist. from the witness cor. to the cor. of said secs.

N.0°01'W., bet. secs. 35 and 36.

Over rolling, rough, and broken bad lands, through scattering undergrowth; asc. abruptly 55 ft.

- 5.00 Spur, slopes W. about 6 chs. dist.; desc. 40 ft.
- 8.20 Wash, 20 lks. wide, 5 ft. deep, in the bottom of draw, drains SW.; asc. 20 ft.
- 11.20 Spur, projects S.70°W. about 5 chs. dist.; desc. 20 ft.
- 17.90 Wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, from E., drains S.25°W.; asc. 35 ft.
- 22.90 S. edge of bench, bears N.70°E. and S.70°W.; gradual ascent of 45 ft., over rolling, rough, and broken top to  $\frac{1}{4}$  sec. cor.
- 28.10 Set flag A for triangulating bet. secs. 25 and 36.
- 36.70 S. edge of wash, 200 lks. wide, 40 ft. deep, drains S.70°W. about 4 chs. dist., thence SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock, with a sandstone, 5x4x2 ins., mkd. X, deposited at the base, and in a mound of stone, 4 ft. base, 1 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S35 | S36  
 1942

Continue over rolling, rough, and broken land to sec. cor., across several large washes, draining SW.

- 45.70 S. edge of wash, 200 lks. wide, 40 ft. deep, heads E. approximately 15 chs. dist., drains SW.
- 78.20 Wash, 25 lks. wide, 4 ft. deep, in the bottom of draw, 205 ft. below  $\frac{1}{4}$  sec. cor., drains SW.; asc. SE. slope 15 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35, and 36, with brass cap mkd.

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## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.,

Chains

T17SR14E

S26 | S25

S35 | S36

1942

raise a mound  
of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.

Land, rolling, rough, and broken by large washes, draining SW.; sandstone boulders and shale formation.

Soil, red sand, sandy loam, and alternate layers of blue clay, shale, and sandstone, 4th. rate.

Timber, none.

Undergrowth, scattering to medium dense shadscale, salt brush, yellow top, gramma, and bunch grass.

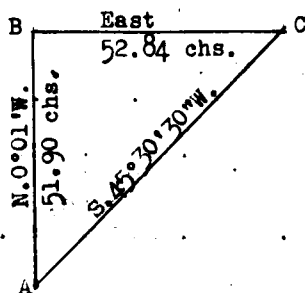
Grazing, poor to fair.

East, on a random line bet. secs. 25 and 36.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

From this station, the line ascends the steep W. face or breaks of the main ridge or divide, over large boulders and series of high perpendicular ledges, which make chaining impracticable. Therefore, I make the following triangulation.

Set a flag B on the cor. of secs. 25, 26, 35, and 36 and erect a flag C east on line on top of the main ridge or divide. From flag C, flag A at the 28.10 chs. point bet. secs. 35 and 36 bears S.  $45^{\circ}30'30''$  W. All bearings verified by direct reading of the solar and all angles are checked by deflection.



Distance by triangulation from cor. of secs. 25, 26, 35, and 36 to flag C..... = 52.84 chs.

Thence, from flag C.

East, on random line by direct measurement.

79.98 Intersect the E. bdy. of the Tp., at the cor. of secs. 25 and 36.

Thence,

West, on a true line bet. secs. 25 and 36.

Asc. abrupt rough NE. slope, through scattering timber and undergrowth.

11.60 Top of broken and nearly perpendicular sandstone ledge, 20 ft. high, bears NW. and SE., 290 ft. above sec. cor.; asc. more gradually 155 ft., over rolling, rough NE.

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

## Chains

slope, through heavy timber, bearing NW. and SE.

27.14 Flag C on top of main ridge or divide, bearing N.20°E. and S.20°W.; leave timber; begin precipitous descent of 835 ft. to  $\frac{1}{4}$  sec. cor., over rugged NW. face or breaks of ridge.

27.30 Top of a series of three nearly perpendicular sandstone ledges, 40 to 80 ft. high, bearing N.20°E. and S.20°W.

39.99 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to solid rock, with a sandstone, 6x4x3 ins., mkd. X, deposited at the base, and in a mound of stone, 6 ft. base, 2 $\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S25

$\frac{1}{4}$

S36

1942

Thence, by direct measurement to verify position of  $\frac{1}{4}$  sec. cor.

48.10 Wash, 30 lks. wide, 15 ft. deep, in the bottom of draw, 230 ft. below  $\frac{1}{4}$  sec. cor., drains SW.; asc. 15 ft.

54.10 Top of ascent on barren blue clay S. slope; desc. abruptly 140 ft.

62.70 Same wash as noted at 48.10 chs., 30 lks. wide, 15 ft. deep, in the bottom of draw, drains NW.; asc. 20 ft.

68.40 Top of ascent, bears NW. and SE.; gradual descent of 75 ft.

79.30 Same wash as noted at 48.10 chs., 25 lks. wide, 4 ft. deep, in the bottom of draw, drains SW.; asc. SE. slope 20 ft. to

79.98 The cor. of secs. 25, 26, 35, and 36, 1225 ft. below flag C on top of main ridge, as given by a vertical angle of 20°30'.

Land, rough mountainous, E. 62.70 chs.; rolling, rough, and broken bad lands, W. 17.28 chs.; drainage E., E. 27.14 chs.; SW., remainder of mile; varied colored sandstone, blue limestone and shale formation.

Soil, red sand, and alternate layers of blue clay, sandstone, and shale, 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, shadscale, salt brush, yellow top, and mountain rush; very little grass.

Poor grazing land.

West, on a random line bet. secs. 26 and 35.

23.80 Intersect the line bet. secs. 34 and 35, S.0°08'W. 4 lks. dist. from the cor. of secs. 26, 27, 34, and 35.

Thence,

S.89°54'E., on a true line bet. secs. 26 and 35.

Desc. gradual SE. slope 15 ft., over rolling and rocky land, through scattering undergrowth.

125

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

Chains	
2.50	Draw, drains SW.; asc. NW. slope 40 ft.
4.60	W. edge of bench, bears NE. and SW.; asc. gradually 35 ft across top.
6.70	Stock and pack trail, known as Little Park Trail, bears NE. and SW.
13.20	Small draw, drains SW.
18.70	E. edge of bench, bears NE. and SW.; desc. general SE. slope 15 ft. to
23.80	The cor. of secs. 26, 27, 34, and 35.
	Land, rolling, rough, and broken by washes, draining SW.; yellow and gray sandstone and blue shale formation.
	Soil, red sand, sandy loam and blue clay, 3rd. and 4th. rate.
	Timber, none.
	Undergrowth, shadscale, salt brush, and yellow top.
	Grazing, poor to fair of gramma and bunch grass.
	N.0°01'W., bet. secs. 25 and 26.
	Over rolling, rough, and broken land, through medium dense short undergrowth; asc. SE. slope 35 ft.
3.30	S. edge of bench, bears NE. and SW.; over rolling top.
9.20	Stock and pack trail, known as Little Park Trail, bears N.60°E. and S.60°W., on top of ascent, bearing NE. and SW., 15 ft. above S. edge of bench; gradual descent of 30 ft. to $\frac{1}{4}$ sec. cor.
15.90	Wagon road, bears NW. and SE.
27.20	Wash, 15 lks. wide, 4 ft. deep, drains W.
33.50	Wash, 50 lks. wide, 15 ft. deep, drains W.
39.95	Set flag A for triangulating bet. secs. 24 and 25.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to solid rock, with a sandstone, 8x5x1 $\frac{1}{2}$ ins., mkd. X, deposited at the base, and in a mound of stone, 5 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	<div style="text-align: center;"> <math>\frac{1}{4}</math>            S26   S25            1942         </div>
47.90	Wash, 20 lks. wide, 3 ft. deep, drains S.80°W.
58.30	Wash, 40 lks. wide, 5 ft. deep, drains S.60°W.
70.40	Top of ascent, 65 ft. above $\frac{1}{4}$ sec. cor., bears E. and W.; desc. 25 ft.
77.50	Draw, drains W.; asc. abruptly 30 ft.



SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

**Chains**

79.00 Knoll, bears E. about 2 chs. dist., thence S.70°E., and W. approximately 4 chs. dist.; desc. steep N. slope 30 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 23, 24, 25, and 26, with brass cap mkd.

T17SR14E	
S23	S24
S26	S25
1942	

from which

A cedar, 8 ins. diam., bears N.81°15'E., 325 lks. dist., mkd. T 17 S R 14 E S 24 B T.

As there are no trees available in secs. 23, 25, and 26, I raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.

Land, rolling, rough, and broken by washes, draining SW.; gray sandstone and shale formation.

Soil, red sand, sandy clay and blue clay mixed with shale, 4th. rate.

Timber, a few cedar on N.  $\frac{1}{2}$  mile.

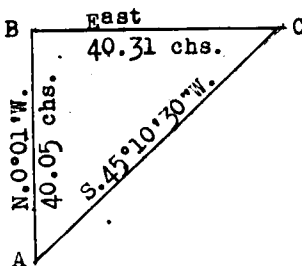
Undergrowth, shadscale, salt brush, and yellow top.

Grazing, fair to good of gramma and bunch grass.

East, on a random line bet. secs. 24 and 25.

20.00 At this point, the line passes over the steep rugged W. face or breaks of the main ridge or divide, making chaining impracticable. Therefore, I make the following triangulation:

Set a flag B on the cor. of secs. 23, 24, 25, and 26 and erect a flag C east on line on top of the main ridge or divide. From flag C, flag A at the 39.95 chs. point bet. secs. 25 and 26 bears S.45°10'30"W. All bearings verified by direct reading of the solar, and by deflection all angles are checked by repetition and balanced to 180°.



Distance by triangulation from cor. of secs. 23, 24, 25, and 26 to flag C..... = 40.31 chs.

Thence, from flag C.

East, on random line by direct measurement.

46.86 Set temp. witness  $\frac{1}{4}$  sec. cor.

80.06 Intersect the E. bdy. of the Tp., north 7 lks. dist. from

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

## Chains

the cor. of secs. 24 and 25.

Thence,

N.89°57'W., on a true line bet. secs. 24 and 25.

Desc. rough general W. slope 10 ft., through scattering timber and undergrowth.

1.50 Top of broken and sloping sandstone ledge or E. rim of a canyon, known as Little Park Wash, 25 ft. high, bears N. and S.; desc. more abrupt W. slope 155 ft.

7.00 Base of steep descent, bears N. and S.; over level bottom of canyon.

7.60 Stock and pack trail, known as Little Park Trail, bears N. and S.

11.40 Wash, 100 lks. wide, 3 ft. deep, drains generally S.

14.60 Leave bottom of canyon, bears N. and S.; begin abrupt ascent of 265 ft., over rough NE. slope to

17.80 Top of broken and nearly perpendicular sandstone ledge, or W. rim of canyon, known as Little Park Wash, 30 ft. high, bears N.20°W. and S.20°E.; enter heavy timber, bears same as top of ledge or rim of canyon; asc. more gradual rough NE. slope 155 ft. to

33.20 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2½ ft. high, for witness ¼ sec. cor., with brass cap mkd.

$$\begin{array}{r} \text{WC } \frac{1}{4} \text{ } \frac{\text{S24}}{\text{S25}} \\ 1942 \end{array}$$

from which

A pinon pine, 10 ins. diam., bears S.43°00'W., 52 lks. dist., mkd. W C ¼ S 25 B T.

A pinon pine, 5 ins. diam., bears N.69°00'W., 140 lks. dist., mkd. W C ¼ S 24 B T.

39.40 Leave timber, bears N. and S.

39.75 Main ridge or divide, 30 ft. above witness ¼ sec. cor., bears N. and S.; desc. W. slope 10 ft. to

39.90 Top of a series of three nearly perpendicular sandstone ledges, about 40 to 100 ft. high, bears N. and S.; two large coal veins bet. the two top ledges, bear N. and S.

Desc. abrupt rugged W. face or breaks of main ridge or divide.

40.03 True point for ¼ sec. cor. falls on the W. face of the top ledge of the series, where it is impracticable to chisel a cross (X).

60.06 Base of breaks of main ridge or divide, bears NE. and SW.; continue descent over numerous large washes, draws, and spurs, putting SW., to

80.06 The cor. of secs. 23, 24, 25, and 26, 1080 ft. below flag C on top of main ridge or divide, as determined by a

SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

Chains

vertical angle of  $22^{\circ}15'$ .

Land, rough; mountainous and rolling and broken bad lands; drainage generally S., E. 39.75 chs.; SW., W. 40.31 chs.; gray and red sandstone and blue shale formation.

Soil, red sand and alternate layers of varied colored clays, sandstone, and shale, 4th. rate.

Timber, cedar and pinon pine; sparse on W.  $\frac{1}{2}$  mile.

Undergrowth, black brush, mountain rush, yellow top, gramma, bunch, and sand grass.

Poor grazing land.

N.  $89^{\circ}54'W.$ , on a true line bet. secs. 23 and 26.

Desc. gradually 20 ft., along general N. slope, through scattering to medium dense undergrowth.

3.60 Wash, 15 lks. wide, 5 ft. deep, in the bottom of draw, drains SW.; asc. SE. slope 20 ft.

5.80 Flat top spur, projects S.  $60^{\circ}W.$  about 5 chs. dist.; desc. 40 ft.

15.40 Wash, 25 lks. wide, 4 ft. deep, in the bottom of draw, drains SW.; asc. SE. slope 45 ft.

19.50 Spur, projects SW.; desc. 25 ft. to closing sec. cor., across head of small draw, draining SW.

23.63 Intersect the E. bdy. of sec. 27, S.  $0^{\circ}07'W.$  27 lks. dist. from the cor. of secs. 22 and 27.

At the point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 23 and 26, with brass cap mkd.

		T17S
S27	S23	CC
	S26	
	R14E	
	1942	

raise a mound of stone, 4 ft. base, 3 ft. high, E. of cor.

Land, rolling, rough, and broken by washes, draining SW.; gray sandstone and blue shale formation.

Soil, red sand, sandy clay and blue clay mixed with shale, 3rd. and 4th. rate.

Timber, none.

Undergrowth, shadscale, salt brush, and yellow top.

Grazing, fair to good of gramma and bunch grass.

From the  $\frac{1}{4}$  sec. cor. of sec. 27 on the E. bdy. of sec. 27,

N.  $0^{\circ}07'E.$ , 25 lks. dist. to midpoint on the W. bdy. of sec. 26.

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

Chains

angle 10

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 26, with brass cap mkd.

$\frac{1}{4}$  S26

1942

raise a mound of stone; 2 $\frac{1}{2}$  ft. base, 2 $\frac{1}{2}$  ft. high, E. of cor.

From the cor. of secs. 23, 24, 25, and 26,

N.0°01'W., bet. secs. 23 and 24.

Over rolling, rough, and broken land, through scattering to medium dense short undergrowth; desc. N. slope 15 ft.

0.50 Wash, 20 lks. wide, 4 ft. deep, in the bottom of draw, drains S.70°W.; asc. rolling general S. slope 110 ft.

10.50 S. edge of bench, bears E. and W.; gradual descent of 10 ft. across top.

18.10 N. edge of bench, bears E. and W.; desc. N. slope 15 ft.

22.50 Wash, 25 lks. wide, 4 ft. deep, in the bottom of draw, drains SW.; asc. S. slope 50 ft.

32.30 S. edge of bench, bears E. and W.; asc. gradually 20 ft. to  $\frac{1}{4}$  sec. cor.; over rolling top.

39.82 Set flag A for triangulating bet. secs. 13 and 24.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a sandstone, 6x4x3 ins., mkd. X, deposited at the base, and in a mound of stone, 5 $\frac{1}{2}$  ft. base, 2 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$

S23 | S24

1942

50.60 N. edge of bench, 25 ft. above  $\frac{1}{4}$  sec. cor., bears E. and W.; desc. N. slope 35 ft.

52.10 Wash, 20 lks. wide, 5 ft. deep, in the bottom of draw, drains W.; asc. 80 ft.

59.70 Top of ascent on W. slope; desc. 55 ft.

71.20 Wash, 25 lks. wide, 4 ft. deep, in the bottom of draw, drains W.; asc. 50 ft.

78.90 Spur, slopes W. about 3 chs. dist.; desc. 30 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock, with a sandstone, 4x4x2 ins., mkd. X, deposited at the base, and in a mound of stone, 6 ft. base, 2 ft. high, for cor. of secs. 13, 14, 23, and 24, with brass cap mkd.

T17SR14E

S14 | S13

S23 | S24

1942

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

## Chains

Land, rolling, rough, and broken by washes, draining SW.; gray sandstone and blue shale formation,

Soil, red sand, sandy clay and blue clay mixed with shale, 3rd. and 4th. rate.

Timber, none.

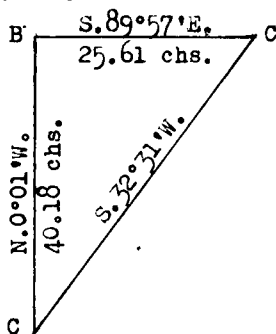
Undergrowth, shadscale, salt brush, and yellow top.

Grazing, poor to good of gramma and bunch grass.

S.89°57'E., on a random line bet. secs. 13 and 24.

12.00 To base of main ridge or divide. Line passes over the steep rugged W. face or breaks of the mountain, making chaining impracticable. To determine the distance I triangulate as follows:

Set a flag B on the cor. of secs. 13, 14, 23, and 24 and erect a flag C S.89°57'E. on line on top of the main ridge or divide. From flag C, flag A at the 39.82 chs. point bet. secs. 23 and 24 bears S.32°31'W. All bearings verified by direct reading of the solar, and by deflection all angles are checked by repetition and balanced to 180°.



Distance by triangulation from cor. of secs. 13, 14, 23, and 24 to flag C..... = 25.61 chs.

Thence, from flag C.

S.89°57'E., on random line by direct measurement.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect the E. bdy. of the Tp., north 14 lks. dist. from the cor. of secs. 13 and 24.

Thence,

N.89°51'W., on a true line bet. secs. 13 and 24.

Desc. W. slope 60 ft., over surface rock, outcroppings, and large boulders, through heavy timber and scattering undergrowth.

4.10 Top of nearly perpendicular sandstone ledge or E. rim of canyon, known as Little Park Wash, 65 ft. high, bears N. and S.; leave timber, bears N. and S.; desc. 75 ft. from foot of ledge to wash, across bottom of canyon.

7.10 Stock and pack trail, known as Little Park Trail, bears N. and S.

8.20 Wash, 60 lks. wide, 2 ft. deep, drains S.

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

## Chains

as 1000

- 11.40 Leave bottom of canyon, 85 ft. above wash, bears N. and S.; asc. abruptly.
- 11.60 Top of nearly perpendicular sandstone ledge or W. rim of canyon, known as Little Park Wash, 100 ft. high, bears N. and S.; enter heavy timber, bears N. and S.; asc. 240 ft. to  $\frac{1}{4}$  sec. cor., over rough general NE. slope.
- 40.03 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, 2 $\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S13

 $\frac{1}{4}$ 

S24

1942

from which

A cedar, 6 ins. diam., bears south, 45 lks. dist., mkd.  $\frac{1}{4}$  S 24 B T.

A pinon pine, 6 ins. diam., bears N. 10° 00' W., 39 lks. dist., mkd.  $\frac{1}{4}$  S 13 B T.

- 44.90 Spur, 90 ft. above  $\frac{1}{4}$  sec. cor., projects SE. approximately 25 chs. dist.; leave heavy timber, bears NW. and SE., and enter scattering; desc. 35 ft.

- 50.40 Draw, drains SE.; asc. NE. slope 120 ft. to

- 54.45 Main ridge or divide, bears N. and S.; leave timber.

Line descends abruptly over large boulders and series of broken and nearly perpendicular ledges on W. face or breaks of mountain.

- 68.06 Base of steep descent or foot of mountain, bears N. and S.; continue descent over numerous large washes, draws, and spurs, putting W. and SW.

- 80.06 The cor. of secs. 13, 14, 23, and 24, 1175 ft. below triangulation flag C on top of main ridge or divide, as determined by a vertical angle of 34° 45'.

A series of three nearly vertical red sandstone ledges, about 40 to 100 ft. high and bearing N. and S., are located on the W. face and near top of main ridge or divide. Two large veins of coal lie bet. these ledges.

Land, rough; mountainous and rolling and broken bad lands; drainage generally S., E. 54.45 chs.; SW., W. 25.61 chs.; gray and red sandstone and blue shale formation.

Soil, red sand and alternate layers of varied colored clays, sandstone, and shale, 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush, mountain rush, yellow top, grama, bunch, and sand grass.

Poor grazing land.

N. 89° 54' W., on a true line bet. secs. 14 and 23.

Desc. NW. slope 15 ft.; through scattering undergrowth.

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

## Chains

1.60 Wash, 40 lks. wide, 15 ft. deep, in the bottom of draw, drains SW.; asc. 20 ft.

2.10 Top of ascent on SW. slope; desc. 145 ft.

15.30 Wash, 35 lks. wide, 4 ft. deep, in the bottom of draw, drains S.20°W.; asc. 15 ft.

17.70 Spur, projects SW.; desc. 20 ft.

20.00 Wash, 40 lks. wide, 8 ft. deep, in the bottom of draw, drains SW.; asc. gradually 20 ft. to

23.47 Intersect the E. bdy. of sec. 22, S.0°03'W. 36 lks. dist. from the cor. of secs. 15 and 22.

At the point of intersection..

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 14 and 23, with brass cap mkd.

S22	T17S	CC
	S14	
	S23	
	R14E	

1942

of stone, 4 ft. base, 3 ft. high, E. of cor. raise a mound

Land, rolling, rough, and broken by washes, draining SW.; gray sandstone and blue shale formation.

Soil, red sandy clay and blue clay mixed with shale, 3rd. and 4th. rate.

Timber, none.

Undergrowth, shadscale, salt brush, and yellow top.

Grazing, poor to good of gramma and bunch grass.

From the  $\frac{1}{4}$  sec. cor. of sec. 22 on the E. bdy. of sec. 22, S.0°08'W. 21 lks. dist. to midpoint on the W. bdy. of sec. 23.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 23, with brass cap mkd.

$\frac{1}{4}$  S23

1942

of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high, E. of cor. raise a mound

From the cor. of secs. 13, 14, 23, and 24,

N.0°01'W., bet. secs. 13 and 14.

Desc. NW. slope 50 ft., over rolling and broken land, through scattering to medium dense undergrowth.

1.60 Wash, 40 lks. wide, 15 ft. deep, in the bottom of draw, drains SW.; asc. 40 ft.

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

## Chains

- 2.90 Spur, slopes SW.; desc. 55 ft.
- 5.30 Wash, 40 lks. wide, 5 ft. deep, in the bottom of draw, drains W.; asc. 180 ft.
- 9.80 Spur, projects W. about 8 chs. dist., thence southwester enter a sparse growth of cedar timber; desc. 130 ft.
- 18.90 Wash, 50 lks. wide, 10 ft. deep, in the bottom of draw, drains W.; asc. 165 ft.
- 22.90 Wash, 100 lks. wide, 50 ft. deep, drains W.
- 29.00 Top of ascent, bears E. and W.; desc. 65 ft.
- 36.40 Wash, 60 lks. wide, 7 ft. deep, in the bottom of draw, drains W.; asc. S. slope 55 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in th ground to solid rock, with a sandstone, 6x4x3 ins., mkd. X, deposited at the base, and in a mound of stone, 5 ft. base, 1 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\begin{array}{c} \uparrow \\ \text{S14} \quad \text{S13} \\ 1942 \end{array}$

All trees within a reasonable distance are too scrubby for marking.

- 41.07 Set flag A for triangulating bet. secs. 12 and 13.
- S. edge of bench, 35 ft. above  $\frac{1}{4}$  sec. cor., bears E. and W.; desc. gradually 20 ft. across top.
- 46.60 N. edge of bench, bears E. and W.; desc. N. slope 45 ft.
- 48.40 Wash, 35 lks. wide, 4 ft. deep, in the bottom of draw, drains W.; asc. S. slope 30 ft.
- 48.90 Top of ascent, bears E. and W.; gradual descent of 60 ft.
- 63.90 Wash, 40 lks. wide, 6 ft. deep, in the bottom of draw, drains W.; asc. S. slope 30 ft.
- 66.50 S. edge of bench, bears E. and W.; desc. 55 ft. across to
- 73.80 N. edge of bench, bears E. and W.; desc. 60 ft. over broken land to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in th ground to solid shale, with a sandstone, 5x4x1 ins., mkd. X, deposited at the base, and in a mound of stone, 7 ft. base, 2 ft. high, for cor. of secs. 11, 12, 13, and 14, with brass cap mkd.

T17SR14E

$\begin{array}{c} \text{S11} \quad \text{S12} \\ \text{S14} \quad \text{S13} \\ 1942 \end{array}$

There are no trees available suitable for marking.

Land, rolling, rough, and broken, draining W. and SW.; gray and red sandstone and blue shale formation.

Soil, red sandy clay and varied colored clays mixed with shale, 3rd. and 4th. rate.



SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

Chains

Timber, sparse growth of scrubby cedar.

Undergrowth, shadscale, salt brush, and yellow top..

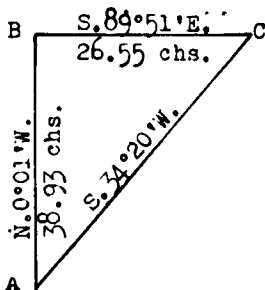
Grazing, poor to good of gramma, bunch, and sand grass.

S.89°51'E., on a random line bet. secs. 12 and 13.

10.00

To base of main ridge or divide.. Line ascends over the steep rugged W. face or breaks of the mountain, making chaining impracticable. To determine the distance from the cor. of secs. 11, 12, 13, and 14 to the top of main ridge or divide, I make the following triangulation:

Set a flag B on the cor. of secs. 11, 12, 13, and 14 and erect a flag C S.89°51'E. on line on top of the main ridge or divide. From flag C, flag A at the 41.07 chs. point bet. secs. 13 and 14 bears S.34°20'W. All bearings verified by direct reading of the solar, and all angles are checked by deflection and repetition and balanced to 180°.



Distance by triangulation from cor. of secs.

11, 12, 13, and 14 to flag C..... = 26.55 chs.

Thence, from flag C.

S.89°51'E., on random line by direct measurement.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.02

Intersect the E. bdy. of the Tp., at the cor. of secs. 12 and 13.

Thence,

N.89°51'W., on a true line bet. secs. 12 and 13.

Over nearly level bottom of canyon, known as Little Park Wash, through scattering timber and undergrowth.

0.90

Wash, 150 lks. wide, 5 ft. deep, drains S. about 4 chs. dist., thence westerly.

5.20

Stock and pack trail, known as Little Park Trail, bears N. and S.

5.40

Leave bottom of canyon, bears N. and S.; asc. E. slope 15 ft.

7.60

Spur, slopes S. about 1 ch. dist.; gradual descent of 40 ft.

20.80

Same wash as noted at 0.90 chs., 150 lks. wide, 4 ft. deep, from SE., drains westerly; desc. gradually 15 ft., along bottom of wash.

27.80

Leave wash and bottom of canyon, drains SW.; asc. rough

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

Chains	general E. slope 200 ft.
32.50	Top of nearly vertical sandstone ledge, 15 ft. high, bears NE. and SW.
34.80	Top of ascent, sloping S. about 6 chs. dist.; desc. abruptly 40 ft. to
40.01	At the base of descent, bearing SE. and SW., set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, $2\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} S12 \\ \frac{1}{4} \\ \hline S13 \\ 1942 \end{array}$
	from which
	A cedar, 8 ins. diam., bears N. $29^{\circ}30'E.$ , 68 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.
	A pinon pine, 8 ins. diam., bears S. $47^{\circ}00'W.$ , 66 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.
48.20	Top of nearly vertical sandstone ledge, 15 ft. high, bears NE. and SW.
53.47	Main ridge or divide; 170 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; leave timber; desc. W. slope 10 ft. to
53.70	Top of a series of three nearly perpendicular sandstone ledges, about 75 to 200 ft. high, bears N. and S.; two large veins of coal lie bet. these ledges and bear with them.
	Line descends abruptly over large boulders and broken and perpendicular ledges on W. face or breaks of main ridge.
70.02	Base of steep descent or foot of mountain, bears N. and S.; continue descent over several small washes, draws, and spurs, putting W. and SW.
80.02	The cor. of secs. 11, 12, 13, and 14, 930 ft. below flag C on top of main ridge or divide, as determined by a vertical angle of $28^{\circ}$ .
	Land, rough; mountainous and rolling and broken bad lands; draining generally S., E. 53.47 chs.; W., W. 26.55 chs.; gray and red sandstone and blue shale formation.
	Soil, shallow red sand and alternate layers of varied colored clays, sandstone, and shale, 4th. rate.
	Timber, cedar and pinon pipe.
	Undergrowth, black brush, mountain rush, yellow top, rabbit brush, and shadscale.
	Grazing, poor of gramma, bunch, and sand grass.
	N. $89^{\circ}54'W.$ , on a true line bet. secs. 11 and 14.
	Desc. abruptly 85 ft., over rolling, rough, general NW. slope, through scattering undergrowth.

...SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

Chains

- 5.00 Wash, 25 lks. wide, 7 ft. deep, in the bottom of draw, drains from NE. to S. about 4 chs. dist., thence W.; asc. steep SE, slope 75 ft.
- 11.00 Spur, slopes SW, about 3 chs. dist.; desc. NW. slope 115 ft.
- 16.60 Wash, 30 lks. wide, 4 ft. deep, in the bottom of draw, drains SW.; asc. gradual SE. slope 15 ft. to
- 23.07 Intersect the E. bdy. of sec. 15, S.0°16'W, 64 lks. dist. from the cor. of secs. 10 and 15.
- At the point of intersection.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 11 and 14, with brass cap mkd.

	T17S	
	S11	
\$15	S14	CC
	R14E	

1942

raise a mound  
of stone, 4 ft. base, 2½ ft. high, E. of cor.

Land, rolling, rough, and broken by washes, draining SW.; blue shale, and gray sandstone boulders and outcroppings.

Soil, red sand and alternate layers of clay, sandstone, and shale, 4th. rate.

Timber, none.

Undergrowth, shadscale, yellow top, and salt brush.

Grazing, poor to fair of gramma and bunch grass.

From the ¼ sec. cor. of sec. 15 on the E. bdy. of sec. 15, S.0°16'W. 50 lks. dist. to midpoint on the W. bdy. of sec. 14.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 14, with brass cap mkd.

	¼ S14
--	-------

1942

raise a mound  
of stone, 3 ft. base, 3 ft. high, E. of cor.

From the cor. of secs. 11, 12, 13, and 14,

N.0°01'W., bet. secs. 11 and 12.

Desc. abrupt rough NW. slope 60 ft., through scattering undergrowth.

- 3.90 Wash, 60 lks. wide, 6 ft. deep, in the bottom of ravine, drains W. about 3 chs. dist., thence SW.; asc. steep S. slope 140 ft.

- 8.60 Spur, projects W. approximately 4 chs. dist., then slopes

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

Chains

ending

NW. and SW.; desc. 25 ft.

10.70 Draw, drains NW.; asc. SE; slope 35 ft.

13.40 Enter scattering scrubby timber;

14.90 Spur, slopes W.; desc. abruptly 65 ft.

18.30 Draw, drains W.; steep ascent of 85 ft.

20.90 Spur, slopes W.; desc. 70 ft.

27.30 Draw, drains W.; asc. 110 ft.

30.00 Spur, projects W. about 10 chs. dist.; desc. N. slope 110 ft. to  $\frac{1}{4}$  sec. cor.

35.00 Leave timber.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock, with a sandstone, 6x5x4 ins., mkd. X, deposited at the base, and in a mound of stone, 4 ft. base, 1 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S11 | S12

Continue descent of 60 ft. 1942

40.02 Set flag A for triangulating bet. secs. 1 and 12.

41.80 Wash, 60 lks. wide, 5 ft. deep, drains W.

55.50 Wash, 50 lks. wide, 5 ft. deep, in the bottom of draw, drains W.; asc. S. slope 70 ft.

57.60 S. edge of bench, bears E. and W.; asc. 65 ft., over rolling top, through sparse scrubby timber.

68.70 Wash, 30 lks. wide, 7 ft. deep, drains W.

75.90 N. edge of bench, bears E. and W.; desc. N. slope 30 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 11, and 12, with brass cap mkd.

T17SR14E

S2 | S1

S11 | S12

1942

of stone, 4 ft. base, 3 ft. high, W. of cor. raise a mound

Land, rolling, rough, and broken, draining W.; gray sandstone and blue shale formation.

Soil, red sandy clay and varied colored clays mixed with shale, 3rd. and 4th. rate.

Timber, cedar.

Undergrowth, shadscale, salt brush, and yellow top.

Grazing, poor to good of gramma, bunch, and sand grass.

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

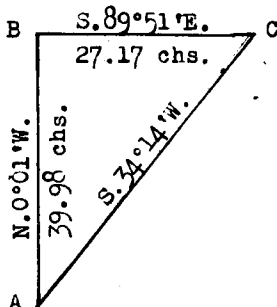
Chains

S.  $89^{\circ}51'E.$ , on a random line bet. secs. 1 and 12.

10.00

To base of main ridge or divide. Line passes over the steep rugged W. face or breaks of the mountain, making chaining impracticable. Therefore, I make the following triangulation:

Set a flag B on the cor. of secs. 1, 2, 11, and 12 and erect a flag C, S.  $89^{\circ}51'E.$  on line on top of the main ridge or divide. From flag C, flag A at the 40.02 chs. point bet. secs. 11 and 12 bears S.  $34^{\circ}14'W.$  All bearings verified by direct reading of the solar, and all angles are checked by deflection and repetition and balanced to  $180^{\circ}$ .



Distance by triangulation from cor. of secs.

1, 2, 11, and 12 to flag C..... = 27.17 chs.

Thence, from flag C.

S.  $89^{\circ}51'E.$ , on random line by direct measurement.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.02

Intersect the E. bdy. of the Tp., at the cor. of secs. 1 and 12.

Thence,

N.  $89^{\circ}51'W.$ , on a true line bet. secs. 1 and 12.

Over rough mountainous land, through scattering timber and undergrowth; desc. W. slope 35 ft. to

3:90

Top of broken and sloping sandstone ledge or E. rim of canyon, known as Little Park Wash, 80 ft. high, bears N. and S.; desc. more abruptly 110 ft.

4.80

Base of descent, bears NW. and S.; over nearly level bottom of canyon.

7.50

Stock and pack trail, known as Little Park Trail, bears NW. and SE:

9.60

Wash, 100 lks. wide, 2 ft. deep, drains from NW. to SE. about 3 chs. dist., thence southwesterly.

12.10

Leave bottom of canyon, bears NW. and SE.; asc. steep NE. slope 85 ft. to

14.60

Top of broken sandstone ledge or W. rim of canyon, known as Little Park Wash, 25 ft. high, bears NW. and SE.; enter heavy timber, bears same as top of ledge; asc. more gradually 315 ft. to  $\frac{1}{4}$  sec. cor., over general NE. slope, along rugged S. side of ravine, draining E.

40.01

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone, 6 ft. base, 2 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

Chains

S1 .. 10 200.0

 $\frac{1}{4}$  —

S12

1942

from which

A cedar limb, 5 ins. diam., bears N.68°30'E., 20 lks. dist., mkd.  $\frac{1}{4}$  S 1 B T.

A pinon pine, 10 ins. diam., bears S.62°30'E., 20 lks. dist., mkd.  $\frac{1}{4}$  S 12 B T.

52.85 Main ridge or divide, 170 ft. above  $\frac{1}{4}$  sec. cor., bears N.20°E. and S.; leave timber, bears N. and S.; desc. W. slope 10 ft. to

53.10 Top of a series of three nearly perpendicular sandstone ledges, about 50 to 200 ft. high, bears N.20°E. and S.; two large veins of coal lie bet. these ledges and bear with them.

Line descends abruptly over large boulders and broken and perpendicular ledges on W. face or breaks of main ridge or divide.

70.02 Base of steep descent or foot of mountain, bears N. and S.; continue more gradual descent, over small washes and draws draining westerly.

80.02 The cor. of secs. 1, 2, 11, and 12, 1160 ft. below triangulation flag C on top of main ridge or divide, as determined by a vertical angle of 33°.

Land, rough mountainous, and rolling and broken bad lands; drainage generally S., E. 52.85 chs.; W.; W. 27.17 chs.; gray and red sandstone and blue shale formation.

Soil, shallow red sand and alternate layers of varied colored clays, sandstone, and shale, 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, black brush, mountain rush, yellow top, rabbit brush, and shadscale.

Grazing, poor to fair of gramma, bunch, and sand grass.

N.89°54'W., on a true line bet. secs. 2 and 11.

Desc. 165 ft. along N. slope, over rolling and broken land through scattering to medium dense undergrowth.

13.50 Draw, drains SW.; gradual ascent of 10 ft.

17.00 Top of ascent on SW. slope; desc. 45 ft.

22.70 Wash, 40 lks. wide, 5 ft. deep, in the bottom of draw, drains NW.; over level land to

22.79 Intersect the E. bdy. of sec. 10, S.0°08'W. 97 lks. dist. from the cor. of secs. 3 and 10.

At point of intersection:

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

## Chains

ground to solid rock, with a sandstone, 6x4x3 ins., mkd. X, deposited at the base, and in a mound of stone, 5½ ft. base, 2½ ft. high, for closing cor. of secs. 2 and 11, with brass cap mkd.

T17S  
S10  $\frac{1}{2}$  S2 CC  
S11  
R14E  
1942

Land, rolling, rough, and broken, draining westerly; gray sandstone and blue shale formation.

Soil, red sandy clay and blue clay mixed with shale, 3rd. and 4th. rate.

Timber, a few scrubby cedar.

Undergrowth, shadscale, salt brush, and yellow top.

Grazing, poor to fair of gramma, bunch, and sand grass.

From the  $\frac{1}{4}$  sec. cor. of sec. 10 on the E. bdy. of sec. 10, S.0°11'W. 76 lks. dist. to midpoint on the W. bdy. of sec. 11.

Set an iron post, 3 ft. long, 1 in diam., 22 ins. in the ground to bedrock, with a sandstone, 6x5x2 ins., mkd. X, deposited at the base, and in a mound of stone, 4½ ft. base, 1 ft. high, for  $\frac{1}{4}$  sec. cor. of sec. 11, with brass cap mkd.

$\frac{1}{4}$  S11  
1942

From the  $\frac{1}{4}$  sec. cor. of sec. 3 on the E. bdy. of sec. 3,

S.0°18'W. 1.06 chs. dist. to a point on the W. bdy. of sec. 2, at a northing of 40.00 chs. dist. from the closing cor. of secs. 2 and 11.

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock, with a sandstone, 8x5x3 ins., mkd. X, deposited at the base, and in a mound of stone, 4 ft. base, 1 ft. high, for  $\frac{1}{4}$  sec. cor. of sec. 2, with brass cap mkd.

$\frac{1}{4}$  S2  
1942

From the  $\frac{1}{4}$  sec. cor. of sec. 3 on the E. bdy. of sec. 3,

N.0°11'E. 38.94 chs. dist. to a point on the W. bdy. of sec. 2, at a northing of 80.00 chs. dist. from the closing cor. of secs. 2 and 11.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 1 and 2, sec. 2, with brass cap mkd.

$\frac{1}{2}$  S2  
1942

## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

Chains

raise a mound  
of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.

From the cor. of secs. 1, 2, 11, and 12,

N.  $0^{\circ}01'W.$  on a random line bet. secs. 1 and 2.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Set temp. lot cor.

85.77 Intersect the N. bdy. of the Tp., S.  $89^{\circ}45'W.$  15 lks. dist. from the true point for cor. of secs. 1, 2, 35, and 36, which is S.  $0^{\circ}01'E.$  1.21 chs. dist. from the witness cor. to the cor. of said secs.

Thence,

S.  $0^{\circ}05'W.$ , on a true line bet. secs. 1 and 2.

Over rolling, rough, and broken bad lands; desc. abrupt barren SE. slope 20 ft.

0.30 Draw, near head, drains SW.; enter sparse and scattering undergrowth; asc. 45 ft. along general W. slope to

4.89 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the cor. of lots 4 and 5, sec. 1 and lots 1 and 2, sec. 2, with brass cap mkd.

S2  $\frac{1}{2}$  |  $\frac{4}{5}$  S1

WC

1942

of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, W. of cor. raise a mound

5.77 True point for cor. of lots 4 and 5, sec. 1 and lots 1 and 2, sec. 2, falls on steep rough N. slope, which is breaking and crumbling away, making the establishment of a cor. monument impracticable. The true point is 20 ft. above the witness cor. to the lot cor.

9.20 Top of ascent on W. slope, 40 ft. above true point for lot cor.; desc. 45 ft.

11.70 Draw, drains W.; asc. 20 ft.

14.00 Spur, projects W.; desc. steep S. slope 190 ft.

28.40 Wash, 60 lks. wide, 10 ft. deep, in the bottom of draw, drains W.; asc. abruptly 115 ft.

36.40 Spur, projects westerly; desc. S. slope 40 ft. to

45.77 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid shale, with a sandstone,  $8 \times 6 \times 2$  ins., mkd. X, deposited at the base, and in a mound of stone, 5 ft. base, 1 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S2 | S1

1942



## SURVEY OF A PORTION OF SUBDIVISION OF T. 17 S., R. 14 E.

## Chains

- 49.00 Wash, 80 lks. wide, 10 ft. deep, in the bottom of draw, 35 ft. below  $\frac{1}{4}$  sec. cor., drains S.60°W.; asc. 60 ft.
- 52.60 Spur, slopes W. about 10 chs. dist.; desc. 20 ft.
- 56.40 Wash, 50 lks. wide, 6 ft. deep, in the bottom of draw, drains S.70°W.; asc. 20 ft.
- 64.60 Top of ascent, bears E. and W.; desc. 35 ft.
- 65.60 Wash, 100 lks. wide, 4 ft. deep, in the bottom of draw, drains W.; asc. 50 ft.
- 68.80 Spur, projects W.; desc. 20 ft.
- 71.40 Wash, 100 lks. wide, 10 ft. deep, in the bottom of draw, drains S.70°W.; asc. N. slope 175 ft. to
- 85.77 The cor. of secs. 1, 2, 11, and 12.
- Land, rolling, rough, and broken bad lands, draining SW.; red and gray sandstone and blue shale formation.
- Soil, shallow and rocky red sand, and blue clay mixed with shale, 4th. rate.
- Timber, a few scrubby cedar.
- Undergrowth, black sagebrush, shadscale, and yellow top.
- Grazing, poor to fair of gramma, bunch, and sand grass.

## GENERAL DESCRIPTION

A main ridge or divide bears nearly north and south through about the middle of this part of the township, giving an eastern and western exposure. To the east of this ridge or divide, the land is rough mountainous, draining generally south by a canyon, known as Little Park Wash, and to the west the area may be classed as bad lands, draining southwest. The abrupt west face of the main divide is rugged with series of broken and nearly perpendicular ledges and large boulders; and from the west base of the mountain, the land slopes off more gradually, forming rough and narrow benches, which are separated by large deep washes. From the lower bad lands to the top of the main ridge or divide, the elevation above sea level varies from approximately 5700 to 6800 feet.

Red and gray sandstone, blue shale, and basalt are the principal formations. Two large veins of coal lie between the top ledges on the west face of the main divide, throughout the township. There are no surface indications of mineral nor oil, with the exception of oil shale.

The soil is a shallow red sand, or a sandy clay or varied colored clays intermingled with sandstone and shale, third and fourth rate.

Scattering to heavy cedar and pinon pine cover the area to the east of the top of the main divide, and only a sparse growth of scrubby cedar is found on some of the sections in the bad lands.

The undergrowth is shadscale, salt brush, black sagebrush, yellow top, black brush, and mountain rush, varying from sparse to dense, with black brush predominating on the higher sections.

## GENERAL DESCRIPTION

Sparse to dense, grama, bunch, and sand grass grow on portions of the bad lands and on the sections east of the top of the main divide.

Little Park Trail follows down Little Park Wash, and bears southwesterly to Woodside, Utah, across sections 26, and 35. An old dim wagon road is found in places in sections 25 and 26. Two barbed wire drift fences for stock are located as follows: one in the NE $\frac{1}{4}$  SE $\frac{1}{4}$  of section 1, across Little Park Wash, and one in the SE $\frac{1}{4}$  SE $\frac{1}{4}$  of section 1. There are no other improvements nor settlers nor water in this part of the township.

In general, the surface is only suitable for grazing purposes, and at present, it is used as a spring, fall and winter range for sheep and cattle, under the control of the U. S. Division of Grazing. For water, stock depend on snow or trail to springs, seeps, or streams in adjacent areas.

dt to trac

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	19 41	CAPACITY
Bob Pett		Principal Assistant
Calvin W. Fisher		Chairman
Glenn Ashby		Chairman
Ira Massey		Chairman
Richard P. Bedier		Chairman
Grant Ivins Wilson		AXMAN
Garth W. Atwood		Flagman
Ira Massey		Cornerman
Raymond T. Trantina		Cornerman
	19 42	
Ira Massey		Principal Assistant
Evan A. Roberts		Chairman
George Presses		Chairman
Richard Lee Beck		AXMAN
Bernie M. Case		Flagman-AXMAN

# CERTIFICATE OF SURVEYOR

I, J. C. Clark, Asst. Cadastral Engineer, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 31st. day of May, 1934, received from the district cadastral engineer for Utah, with assignment instructions dated May 24, 1934, I have ~~examined~~ made a dependent resurvey of a portion of the south boundary of Township 16 South, Range 14 East and a portion of the subdivision of Township 17 South, Range 14 East and survey of the east boundary and a portion of the south boundary subdivision of Township 17 South, Range 14 East. of the Salt Lake Meridian, in the State of Utah, which represented in the foregoing field notes as having been executed by me and under my direction; and that a survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah  
January 28, 1943.

J. C. Clark  
Assistant Cadastral Engineer.

## CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, April 17, 1944

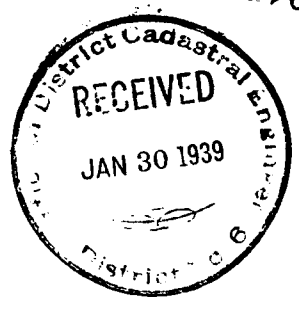
The foregoing field notes of the ~~examined~~ dependent resurvey of a portion of the south boundary of Township 16 South, Range 14 East and a portion of subdivision of Township 17 South, Range 14 East and survey of the east boundary and a portion of the south boundary and subdivision of Township 17 South, Range 14 East. executed by J. C. Clark, Assistant Cadastral Engineer under special instructions dated May 31, 1932, and assignment instructions dated May 24, 1934, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

[Signature]  
Supervisor of Surveys.

## CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys.



A

# FIELD NOTES

OF THE SURVEY OF  
THE NORTH BOUNDARY AND SUBDIVISIONAL LINES, AND  
DEPENDENT RESURVEY OF  
THE WEST BOUNDARY AND PORTION OF THE EAST BOUNDARY  
OF  
T. 18 S., R. 5 E.,

Of the Salt Lake Meridian,  
in the State of Utah

## EXECUTED BY

Alph Gentry, Cadastral Engineer; Sidney R. Reese, Transitman, and  
Kenneth Vincent, Transitman

Under special instructions dated July 10, 1935, which provided  
for the surveys included under Group No. 266, bearing the approval of the  
Commissioner of the General Land Office under date of August 8, 1935  
and assignment instructions dated June 19, 1936, and supplemental  
assignment instructions dated July 20, and August 13, 1936.

Survey commenced July 9, 1936

Survey completed September 2, 1936

# INDEX DIAGRAM.

Township 18 South, Range 8 East

	9	8	7	6	5	4	3	2	
75	6	68	5	53	4	41	3	31	2
74	67	67	62	40	30	19			
73	7	66	8	50	9	39	10	29	11
	65	64	50	39	28	17			
72	18	63	17	48	16	38	15	27	14
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	59	58	46	35	24	14			
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T. 18 S., R. 5 E.

T. 18 S., R. 5 E.

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7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

- Lines colored in black, surveyed by Ralph Gentry, Cadastral Engineer
- Lines colored in green, surveyed by Kenneth Vincent, Public Land Surveyor.
- Lines colored in red, surveyed by Sidney R. Reese, Transitman.





## Chains

Survey commenced July 9, 1936, and executed with Buff and Buff light mountain solar transit, No. 8028, used by Ralph Gentry, Cadastral Engineer, and Sidney E. Reese, Transitman, and Buff and Buff light mountain solar transit, No. 9978, used by Kenneth Vincent, Transitman. The instruments are equipped with full vertical circles and the Smith solar attachments; the horizontal limbs are provided with two double verniers, placed opposite to each other, and read to single minutes of arc, which is also the least count of the verniers of the vertical circles, and of the latitude and declination arcs. The instruments were approved by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests. Both instruments were in good condition at the beginning of this survey, and were tested and found free from any appreciable error.

The directions of the lines were determined by the solar transit method. The measurements were made with Lallie steel tapes, 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a Lufkin standard steel tape one chain long and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained by clinometers in good adjustment; the horizontal equivalents are entered in the field note record.

The geographic position of the southeast corner of the township as determined through ties from the public land surveys to U.S. Coast & Geodetic Survey triangulation stations located in T. 16 S., R. 5 E., this group, is approximately as follows:- longitude  $111^{\circ}18' W.$ ; latitude  $39^{\circ}12' N.$

## Test of Buff and Buff transit No. 8028.

July 9, 1936, in camp near the  $\frac{1}{2}$  sec. cor. between secs. 31 and 36, on E. bdy. of T. 18 S., R. 5 E., in approximate longitude  $111^{\circ}18' W.$ , and latitude  $39^{\circ}13' N.$ , at 9h 42m 20s a.m., by my watch which carries correct 105th meridian time as determined by radio signals, or 9h 18.3 m., a.m., l.m.t., I make an hour angle observation on Polaris, west of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a well defined reference point about a mile north, in the direction N-W to Polaris.

Mean horizontal angle from reference point,  
west to Polaris  $0^{\circ} 50' N-W.$

Azimuth of Polaris,  $0^{\circ} 54' W.$

True bearing of reference point,  $N.0^{\circ} 04' W.$

In order to verify the latitude of this station and the reading of my watch, I make a meridian observation of the sun, first setting on the lower limb and noting the transit of the west limb, then, after reversal of the instrument, setting on the upper limb and noting the transit of the east limb as follows:-

Mean observed altitude	$73^{\circ} 07'$
Reduced latitude	$39^{\circ} 12\frac{1}{2}' N.$
Mean watch time of observation	12h 29m 12s
Watch fast of l.m.t.,	0h 24m 08s

At 10h a.m., app. t., and every hour from 1-30 p.m., to 5-30 p.m., I make proper settings on the arcs of the

## Chains

solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than 1' 30".

## Test of Buff and Buff transit No. 9978.

August 16, 1936, in camp near the  $\frac{1}{4}$  sec. cor. between secs. 2 and 11, T. 18 S., R. 4 E., approximate longitude 111° 26' W., latitude 39° 16' N., at 8h 13.8m a.m., l.m.t., or 8h 37.8m a.m., by my watch which carries correct 105th meridian time, as determined by radio signals, I make an hour angle observation on Polaris, west of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a well defined reference point about two mile N., in the direction N-W. to Polaris

Mean horizontal angle from reference point,  
W. to Polaris,

1° 13'

Azimuth of Polaris,

1° 13' W.

True bearing of reference point,

North.

Every half hour from 1-30 p.m to 5 p.m., and at 8h a.m., Aug. 17, 1936, I make proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than 1' 30".

Conditions permitting, the arcs were tested daily by noon observations, and the meridional indications of the solar apparatus verified at frequent intervals throughout the survey.

## NORTH BOUNDARY OF T. 18 S., R. 5 E.

From the cor. of Tps. 17 S., Rs. 5 and 6 E., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official record.

West, along S. bdy. of sec. 36.

Ascend rocky east slope, over mountainous land, through scattered pine, fir, and juniper timber, and undergrowth of sagebrush.

- 7.00 Leave timber, and enter dense oak brush, bears N. and S.
- 10.60 Rim of bench, 200 ft. above Tp. cor., bears NE. and SW.; thence over rolling bench, leaving oak brush.
- 27.50 Leave bench, entering scattered fir, and juniper timber, and service berry, choke cherry, and goose berry brush, bears NE. and SW.; thence along steep N. slope.
- 35.72 Mean distance between the closing cor. of Tp. 18 S., Rs. 5 and 6 E., and the closing cor. of secs. 1 and 2.
- Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 1 only, with brass cap marked

$\frac{1}{4}$  S. 1

1936

from which

## NORTH BOUNDARY OF T. 18 S., R. 5 E.

## Chains

A juniper, 4 ins. diam., bears S. 51° 45' E., 136 lks.  
dist., marked  $\frac{1}{2}$  S 1 B T.

A juniper, 8 ins. diam., bears S. 39° 30' W., 129 lks.  
dist., marked  $\frac{1}{2}$  S 1 B T.

40.00 On steep N. slope, 210 ft. above Tp. cor.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in  
the ground to solid rock and in mound of stone to top,  
for  $\frac{1}{2}$  sec. cor. of sec. 36 only, with brass cap marked

$\frac{1}{2}$  S 36

1936

A juniper, 10 ins. diam., bears N. 63° 45' E., 80 lks.  
dist., marked  $\frac{1}{2}$  S 36 B T. from which

A balsam, 8 ins. diam., bears N. 52° 15' W., 145 lks.  
dist., marked  $\frac{1}{2}$  S 36 B T.

44.00 Enter medium dense fir and spruce timber, bears N. and S.

59.00 Enter scattered timber, bears N. and S.

75.65 The closing cor. of secs. 1 and 2, hereinafter described.

80.00 On steep N. slope, 60 ft. above  $\frac{1}{2}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in  
the ground to solid rock, and in mound of stone to top,  
for cor. of secs. 35 and 36 only, with brass cap marked

T17S	R5E
S 35	S 36

S 2

T18SR5E

1936

from which

A balsam, 12 ins. diam., bears N. 54° E., 45 lks.  
dist., marked T17SR5ES36BT.

A spruce, 14 ins. diam., bears N. 45° W., 90 lks.  
dist., marked T17SR5ES35BT.

Land, mountainous, sloping N.

Soil, rocky mountain loam; 3rd rate.

Timber, scattered juniper and pine on portion of mile, and  
scattered to medium growth of fir and spruce on portion  
of mile

Undergrowth, sagebrush, service berry, choke cherry, oak,  
and goose berry; medium growth of weeds and grass.

Good grazing land.

West, along S. bdy. of sec. 35.

Ascend slightly along N. slope, over mountainous land,  
through scattered fir, spruce, juniper, and aspen timber,  
and undergrowth of service berry, choke cherry, and oak.

22.00 Top of ascent, 50 ft. above sec. cor., slopes N.; descend  
NW. slope.

26.20 Small stream of clear water, in draw, 50 ft. below top  
of ascent, course N. 30° E.; ascend SE. slope.

## Chains

27.20 Leave timber, and enter dense oak, and service berry brush bears N. and S.

33.00 Top of ascent, 180 ft. above draw, slopes N.; thence descend slightly along N. slope, entering scattered timber.

35.70 Mean distance between the closing cor. of secs. 1 and 2 and closing cor. of secs. 2 and 3.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 2 only, with brass cap marked

$\frac{1}{4}$  S 2

1936

from which

A pine, 14 ins. diam., bears S. 40° 45' W., 180 lks. dist. marked  $\frac{1}{4}$  S 2 B T.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high S. of cor.

40.00 On N. slope, 30 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 35 only, with brass cap marked

$\frac{1}{4}$  S 35

1936

from which

A juniper, 6 ins. diam., bears N. 13° 30' E., 66 lks. dist., marked  $\frac{1}{4}$  S 35 B T.

A spruce, 14 ins. diam., bears N. 77° 45' W., 290 lks. dist., marked  $\frac{1}{4}$  S 35 B T.

Ascend gradually along N. slope.

53.00 Top of ascent, 110 ft. above  $\frac{1}{4}$  sec. cor., slopes N.; descend slightly along N. slope.

75.75 The closing cor. of secs. 2 and 3, hereinafter described

80.00 On N. slope, 30 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 34 and 35 only, with brass cap marked

T17S R5E  
S34 S35

S 3

T18SR5E

1936

from which

An oak, 6 ins. diam., bears N. 36° 30' E., 22 lks. dist., marked BT only.

An aspen, 6 ins. diam., bears N. 73° 30' W., 129 lks. dist., marked T17SR5ES34BT.

Land, mountainous, sloping N.

Soil, rocky mountain loam; 2nd and 3rd rate.

Timber, juniper, spruce, fir, and aspen.

Undergrowth, oak, service and choke cherry, and sage;

## NORTH BOUNDARY OF T. 18 S., R. 5 E.

## Chains

medium growth of weeds and grass. Good grazing land.

West, along S. bdy, of sec. 34.

Descend along N. slope, over mountainous land through scattered timber, and undergrowth of oak and sagebrush.

27.50 Enter medium dense fir, spruce, and scattered aspen timber, bears N. and S.

29.00 Draw, 80 ft. below sec. cor., course N. 15° E.; ascend SE. slope.

30.00 Top of ascent, 60 ft. above draw, slopes N.; descend NW. slope.

35.72 Mean distance between closing cor. of secs. 2 and 3, and closing cor. of secs. 3 and 4.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 3 only, with brass cap marked

$\frac{1}{4}$  S 3

1936

from which

A spruce, 14 ins. diam., bears S. 62° 30' E., 44 lks. dist., marked  $\frac{1}{4}$  S 3 B T.

A spruce, 10 ins. diam., bears S. 67° 15' W., 46 lks. dist., marked  $\frac{1}{4}$  S 3 B T.

37.40 Small stream of clear water, in draw, 30 ft. below top of ascent, course NE.; ascend NE. slope.

40.00 On NE. slope, 15 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 7 ins. in the ground, for  $\frac{1}{4}$  sec. cor., sec. 34 only, with brass cap marked

$\frac{1}{4}$  S 34

1936

from which

A spruce, 6 ins. diam., bears N. 30° 30' E., 26 lks. dist., marked  $\frac{1}{4}$  S 34 B T.

A spruce, 10 ins. diam., bears N. 65° W., 55 lks. dist., marked  $\frac{1}{4}$  S 34 B T.

42.40 Stock trail bears NW. and SE.

49.50 Top of ascent, 100 ft. above  $\frac{1}{4}$  sec. cor., slopes NE.; descend NW. slope.

58.30 Seely creek, a stream of clear water, 10 lks. wide, in canyon, 90 ft. below top of ascent, course NE.; thence along bottom of canyon, leaving timber; dense willows along creek.

60.50 Recross Seely creek, course SE.

61.00 Recross creek, course NE.; ascend S. slope, leaving willows, enter scattered aspen, juniper, timber and oak.

## Chains

75.69 The closing cor. of secs. 3 and 4, hereinafter described

80.00 On S. slope, 140 ft. above creek

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 33 and 34 only, with brass cap marked

T17S	R5E
S33	S34
S 4	
T18SR5E	

1936

from which

A juniper, 8 ins. diam., bears N. 60°E., 139 lks. dist., marked T17SR5ES34BT.

A willow, 6 ins. diam., bears N. 20°W., 52 lks. dist., marked T17SR5ES33BT.

Land, mountainous.

Soil, rocky mountain loam; 2nd and 3rd rate.

Timber, spruce, fir, and aspen, and a few scattered juniper.

Undergrowth, oak, service berry, and sagebrush; medium growth of weeds and grass; good grazing land.

West, along S. bdy. of sec. 33.

Ascend along S. slope, on N. side of canyon, over mountainous land, through scattered fir, spruce, and juniper timber, and undergrowth of service berry and choke cherry, and scattered sagebrush.

16.80 Top of ascent, 200 ft. above sec. cor., slopes S.; descend along steep S. slope.

35.40 As the true point for  $\frac{1}{4}$  sec. cor. of sec. 4 falls in edge of Seely creek where it impracticable to set cor.

At this point.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in mound of stone to top, for witness cor. to  $\frac{1}{4}$  sec. cor. of sec. 4 only, with brass cap marked

WC	S 4
----	-----

1936

from which

A balsam, 12 ins. diam., bears S. 33° 15'E., 48 lks. dist., marked WC  $\frac{1}{4}$  S 4 B T.

A juniper, 6 ins. diam., bears S. 15° 30'W., 35 lks. dist., marked WC  $\frac{1}{4}$  S 4 B T.

35.68 Mean distance between the closing cor. of secs. 3 and 4, and closing cor. of secs. 4 and 5.

Point for  $\frac{1}{4}$  sec. cor. of sec. 4 only, in edge of Seely creek, where it is impracticable to establish corner.

36.00 Seely creek, a stream of clear water, 10 lks. wide, in bottom of canyon, 50 ft. below top of ascent, course S. 80°E., from W.; thence along creek.

## NORTH BOUNDARY OF T. 18 S., R. 5 E.

## Chains

- 40.00 True point for  $\frac{1}{4}$  sec. cor. of sec. 33 only, in Seely creek, where it is impracticable to establish corner.
- 43.00 Leave creek, course E., from NW.; ascend along S. side of canyon.
- 44.80 Top of ascent, 10 ft. above creek, slopes N.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to  $\frac{1}{4}$  sec. cor. of sec. 33 only, with brass cap marked
- $\frac{1}{4}$  S 33 WC
- 1936 from which
- A spruce, 16 ins. diam., bears N. 82° E., 37 lks. dist., marked WC  $\frac{1}{4}$  S 33 B T.
- A spruce, 8 ins. diam., bears N. 61° 15' W., 22 lks. dist., marked WC  $\frac{1}{4}$  S 33 B T.
- Descend along S. side of canyon.
- 52.20 Seely creek, course NE. from W.; thence along creek.
- 59.00 Leave creek, course E. from SW.; thence along N. side of canyon.
- 62.00 Enter medium dense fir and spruce, and scattered aspen timber, bears NW. and SE.
- 65.00 Top of ascent, 110 ft. above creek, slopes S.; thence along S. slope.
- 66.50 Seely creek, course S. 80° E., from W.; thence along creek
- 70.00 Leave creek, course E. from SW.; ascend SE. slope along N. side of canyon.
- 72.00 Top of ascent, 140 ft. above creek, slopes S.; thence along S. slope.
- 75.67 The closing cor. of secs. 4 and 5, hereinafter described.
- 80.00 On S. slope, on N. side of bottom of canyon.  
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 32 and 33 only, with brass cap marked
- |         |     |
|---------|-----|
| T17S    | R5E |
| S32     | S33 |
| S 5     |     |
| T18SR5E |     |
- 1936 from which
- A spruce, 16 ins. diam., bears N. 64° E., 67 lks. dist., marked T17SR5ES33BT
- A spruce, 20 ins. diam., bears N. 64° 30' W., 75 lks. dist., marked T17SR5ES32BT.
- Land, mountainous; along bottom of canyon, draining easterly.  
Soil, rocky mountain loam; 3rd rate.  
Timber, scattered and medium growth of balsam, spruce, Douglas fir, aspen, and juniper.

## NORTH-BOUNDARY OF T. 18 S., R. 5 E.

## Chains

Undergrowth, service berry, choke cherry, oak, and sage-brush; medium growth of weeds and grass.  
Good grazing land.

West, along S. bdy. of sec. 32.

Along S. slope, over mountainous land, through medium dense timber, and scattered undergrowth.

4.00 Descend SW. slope.

5.90 Seely creek, stream of clear water, 10 lks. wide, in canyon, 40 ft. below sec. cor., course SE.; ascend along NE. and N. slope.

34.00 Top of ascent, 330 ft. above creek, slopes N.; descend

35.86 Near distance between closing cor. of secs. 4 and 5, and closing cor. of secs. 5 and 6.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 5 only, with brass cap marked

$\frac{1}{4}$  S 5

1936

from which

A balsam, 14 ins. diam., bears S. 45° E., 20 lks. dist., marked  $\frac{1}{4}$  S 5 B T.

A spruce, 8 ins. diam., bears S. 63° 30' W., 14 lks. dist., marked  $\frac{1}{4}$  S 5 B T.

36.70 Small stream of clear water in draw, 20 ft. below top of ascent, course NE.; ascend gradual NE. slope.

40.00 On NE. slope, 40 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 32 only, with brass cap marked

$\frac{1}{4}$  S32

1936

from which

A balsam, 6 ins. diam., bears N. 9° 30' E., 50 lks. dist., marked  $\frac{1}{4}$  S 32 B T.

A balsam, 6 ins. diam., bears N. 31° W., 9 lks. dist., marked  $\frac{1}{4}$  S 32 B T.

51.00 Small stream of clear water, course N.

53.00 Top of ascent, 50 ft. above  $\frac{1}{4}$  sec. cor., slopes N.; descend

54.10 Draw, 30 ft. below top of ascent, course N. 20° E.; ascend

60.00 Top of ascent, 30 ft. above draw, slopes N.; descend gradual NW. slope.

56.40 Old road, bears NW. and SE.

68.10 Old road, bears NE. and SW.



## Chains

70.00 Leave timber, bears N. and S.

71.26 Stream of clear water, 5 lks. wide, in canyon, 40 ft. below top of ascent, course N. 30° E.; ascend gradual NE. slope.

76.05 The closing cor. of secs. 5 and 6, hereinafter described.

80.00 On gradual NE. slope, 80 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 31 and 32 only, with brass cap marked

T17S R5E  
S31 S32  
S 6  
T18SR5E

1936

raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.

Land, mountainous; drainage E. and NE.

Soil, rocky mountain loam; 2nd and 3rd rate.

Timber, balsam, Douglas fir, and spruce.

Undergrowth, scattered choke cherry, service berry, and deer browse; medium growth of weeds and grass.

Good grazing land.

West, along S. bdy. of sec. 31.

Ascend over gradual E. slope, over mountainous land, through scattered undergrowth.

13.00 Ascend abrupt rocky E. slope, entering aspen timber, bears N. and S.

19.00 Leave aspen timber; enter dense choke cherry brush, bears N. and S.

28.00 Enter scattered aspen, fir, and spruce timber, and dense deer browse, and gooseberry brush, brs. N. and S.

36.05 Westing of 40.00 chs. from closing cor. of secs. 5 and 6.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 6 only, with brass cap marked

$\frac{1}{4}$  S 6

1936

from which

An aspen, 8 ins. diam., bears S. 85° E., 5 lks. dist., marked  $\frac{1}{4}$  S 6 B T.

A balsam, 14 ins. diam., bears S. 55° W., 90 lks. dist., marked  $\frac{1}{4}$  S 6 B T.

Cor. stands on steep E. slope, 870 ft. above sec. cor.

39.30 Foot of ledge, 40 ft. high, bears NE. and SW.

40.00 Point for  $\frac{1}{4}$  sec. cor.; on face of ledge where it is

## Chains

impracticable to establish corner monument.

40.25 Top of ledge, 1070 ft. above sec. cor., bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for witness cor. to  $\frac{1}{4}$  sec. cor. of sec. 31 only, with brass cap marked

$\frac{1}{4}$  S 31 WC

1936

from which

A balsam, 8 ins. diam., bears N. 32° 30' E., 23 lks. dist., marked WC  $\frac{1}{4}$  S 31 B T.

A spruce, 16 ins. diam., bears N. 41° 30' W., 37 lks. dist., marked WC  $\frac{1}{4}$  S 31 B T.

43.00 Leave timber, and enter scattered undergrowth, bears N. and S.

46.00 Top of spur, 120 ft. above witness cor. to  $\frac{1}{4}$  sec. cor., slopes E., from NE.; thence over rolling top of spur.

75.00 Rim of spur, bears NW. and SE.; descend SW. slope, entering fir and spruce timber,

77.44 Intersect E. bdy. of T. 17 S., R. 4 E.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for closing cor. of Tps. 17 and 18 S., R. 5 E., with brass cap marked

	T17S	
T17S	R5E	
R4E	S31	
S36	S 6	CC
	T18S	

1936

from which

A balsam, 10 ins. diam., bears N. 45° E., 57 lks. dist., marked T17SR5ES31CCBT

A limber pine, 12 ins. diam., bears S. 56° 45' E., 89 lks. dist., marked T18SR5ES6CCBT.

Land, mountainous, with steep rocky slopes. Soil, rocky mountain loam; 2nd and 3rd rate. Timber, aspen, balsam, Douglas fir, and spruce. Undergrowth, choke cherry, goose berry, and deer browse; medium growth of weeds and grass. Good grazing land.

From this cor., the  $\frac{1}{4}$  sec. cor. between secs. 31 and 36, on E. bdy. of T. 17 S., R. 4 E., bears S., 7.73 chs; an iron post, 1 in. diam., set marked and witnessed as described in the official records. As this cor. becomes  $\frac{1}{4}$  sec. cor. of sec. 36 only, I obliterate marking on E. half and markings on bearing tree to E., and mark new bearing tree. The brass cap is now marked

S36

1913

from which

A limber pine, 10 ins. diam., bears N. 22° 15' W., 87 lks. dist., marked  $\frac{1}{4}$  S 36 B T.

SUBDIVISION OF T. 18 S., R. 5 E.

Chains	
	From the cor. of secs. 1, 2, 35, and 36, on S. bdy. of Tp., which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official records.
	N. 0° 01' W., between secs. 35 and 36.
	Ascend a gradual S. slope, over mountainous land, through scattered aspen timber, and dense undergrowth.
2.00	Grass meadow, 2 chs. wide, 4 chs. long, E. and W.
9.50	Road, bears NE. and SW.
24.90	From this point, water trough at spring of clear water, bears S. 71° 30' W.
30.00	Foot of S. end of Wagon Road Ridge, bears E. and W.; ascend steep SE. slope.
40.00	On steep SE. slope, 490 ft. above sec. cor.  Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor., with brass cap marked  <div>S35   S36</div> <div>1936</div> <div>raise a mound of stone, 3 ft. base, 2½ ft. high W. of cor.</div>
49.00	Top of S. end of Wagon Road Ridge, 310 ft. above ¼ sec. cor., bears N. 15° E., from W.  From this point, trough at spring of water, bears S. 27° 30' W.  Descend E. slope.
55.10	Draw, 45 ft. below point of ridge, course SE.; ascend gradual S. slope.
73.00	Top of ascent, 120 ft. above draw, bears NE. and SW.; thence over rolling E. slope, along E. side of top of Wagon Road Ridge.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35, and 36, with brass cap marked  <div>T18S   R5E</div> <div>S26   S25</div> <div>S35   S36</div> <div>1936</div> <div>raise a mound of stone, 3 ft. base, 2½ ft. high W. of cor.</div> <div>Land, mountainous; SE. exposure and drainage. Soil, rocky mountain loam; 3rd rate Timber, very scattered aspen. Undergrowth, sagebrush and goose berry; medium growth of weeds and grass. Good grazing land.</div>

Chains	
	East, on random line between secs. 25 and 36.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.86	Intersect E. bdy. of Tp., 21 lks. S. of the cor. of sec. 25, 30, 31, and 36, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official records.
	Thence
	S. 89° 51' W., on true line between secs. 25 and 36.
	Ascend gradually over broken E. slope, over mountainous land, through scattered timber, and medium dense undergrowth.
2.50	Ditch, 4 lks. wide, 2 ft. deep, course NW.
4.80	Recross ditch, course SW.
11.50	Old road, bears N. 10° E., and S. 10° W.
12.70	Recross ditch, course NW.
16.00	Enter medium dense timber, bears N. and S.
39.93	On rolling E. slope, 300 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \text{S } 25 \\ \frac{1}{4} \text{ S } 36 \end{array}$
	1936 from which
	A spruce, 10 ins. diam., bears N. 30° E., 29 lks. dist., marked $\frac{1}{4}$ S 25 B T.
	A spruce, 8 ins. diam., bears S. 49° E., 73 lks. dist., marked $\frac{1}{4}$ S 36 B T.
	Continue over rolling E. slope, entering scattered timber
53.00	Ascend abrupt E. slope of Wagon Road Ridge, bears N. 20° W., and S. 20° E.
53.20	Trail, bears N. 10° W., and S. 10° E.
73.50	Rim of ridge, 750 ft. above $\frac{1}{4}$ sec. cor., bears N. 30° W., and S. 30° E.; thence over rolling E. slope; leave timber.
79.86	The cor. of secs. 25, 26, 35, and 36.
	Land, mountainous; E. exposure. Soil, rocky mountain loam; 3rd rate. Timber, scattered to medium dense balsam, Douglas fir, spruce, and aspen on portions of mile. Undergrowth, medium dense sagebrush, goose berry, service berry, and choke cherry; medium growth of weeds and grass. Good grazing land.
	N. 0° 01' W., between secs. 25 and 26.
	Over gentle E. slope along E. side of top of Wagon Road Ridge, over mountainous land, through dense undergrowth of sagebrush.

## Chains

20.00 Trail, bears NW. and SE.

21.00 Rim of ravine, bears NW. and SE.; descend NE. slope.

26.90 Ravine, 50 ft. below rim, course E.; ascend S. slope

31.00 Rim of ravine, 30 ft. above bottom, bears E. and W.; thence over gentle E. slope.

40.00 On rim of draw, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S26 | S25

1936

from which

A spruce, 10 ins. diam., bears N.  $6^{\circ} 00' E.$ , 338 lks. dist., marked  $\frac{1}{4} S 25 B T.$

An aspen, 7 ins. diam., bears N.  $30^{\circ} 00' W.$ , 494 lks. dist., marked  $\frac{1}{4} S 26 B T.$

Descend over rolling NE. slope.

46.00 Draw, 60 ft. below  $\frac{1}{4}$  sec. cor., course E.; ascend over rolling SE. slope, entering scattered timber.

57.00 Rim of ridge, bears NW. and SE.; descend steep, rocky NE. slope, entering dense timber, and undergrowth of service berry and goose berry brush.

61.40 Small stream of clear water, course E.

66.10 Small stream of clear water, in wash, 15 lks. wide, 10 ft. deep, course E.

80.00 On steep NE. slope, 330 ft. below rim of ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 23, 24, 25, and 26, with brass cap marked

T18S | R5E  
 S23 | S24  
 S26 | S25

1936

from which

A Douglas fir, 39 ins. diam., bears N.  $66^{\circ} E.$ , 28 lks. dist., marked T18SR5ES24BT.

A Douglas fir, 36 ins. diam., bears S.  $23^{\circ} 45' E.$ , 69 lks. dist., marked T18SR5ES25BT.

A Douglas fir, 20 ins. diam., bears S.  $10^{\circ} 30' W.$ , 81 lks. dist., marked T18SR5ES26BT.

A Douglas fir, 15 ins. diam., bears N.  $42^{\circ} W.$ , 58 lks. dist., marked T18SR5ES23BT.

Land, mountainous; E. exposure and drainage.  
 Soil, rocky mountain loam; 2nd and 3rd rate.  
 Timber, Douglas fir, spruce, and aspen on portion of mile.  
 Undergrowth, dense sagebrush, service berry, and goose berry on portion of mile. Good grazing land.

SUBDIVISION OF T. 18 S., R. 5 E.

Chains

- N. 89° 51' E., on random line between secs. 24 and 25.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor. 06.18
- 79.90 Intersect E. bdy. of Tp., 5 lks. N. of the cor. of secs. 19, 24, 25, and 30, which is an iron post, 2 ins. diam. set, marked, and witnessed as described in the official record.
- Thence
- S. 89° 53' W., on true line between secs. 24 and 25.
- Ascend steep E. slope, over mountainous land, through medium dense timber, and scattered undergrowth.
- 10.00 Top of abrupt ascent, bears N. and S.; ascend gradually over E. slope, surface broken by small depressions of basins.
- 33.70 Old road, bears N. and S.
- 39.95 On general E. slope, 210 ft. above sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- |               |       |
|---------------|-------|
| $\frac{1}{4}$ | S. 24 |
|               | S. 25 |
- 1936
- from which
- A Douglas fir, 20 ins. diam., bears N. 78° E., 105 lks. dist., marked  $\frac{1}{4}$  S 24 B T.
- A Douglas fir, 29 ins. diam., bears S. 11° W., 230 lks. dist., marked  $\frac{1}{4}$  S 25 B T.
- 70.00 Foot of ridge, bears N. 30° E., and S. 30° W.; ascend steep NE. slope.
- 79.90 The cor. of secs. 23; 24, 25; and 26, 530 ft. above  $\frac{1}{4}$  sec. cor.
- Land, mountainous; E. exposure.  
Soil, rocky mountain loam; 2nd to 3rd rate.  
Timber, Douglas fir, spruce, and scattered aspen.  
Undergrowth, sagebrush, service berry, and goose berry; medium growth of weeds and grass. Good grazing land.
- 
- N. 0° 01' W., between secs. 23 and 24.
- Descend steep NE. slope over mountainous land, through medium dense timber, and scattered undergrowth.
- 15.00 Foot of steep slope, bears N. 30° E., and S. 30° W; thence descend over rolling NE. slope.
- 18.15 Small stream of clear water, course NE.
- 38.80 Trail, bears NW. and SE.
- 40.00 On gentle NE. slope, 300 ft. below sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

$$\begin{array}{c} \frac{1}{4} \\ \hline \text{S23} \mid \text{S24} \end{array}$$

1936

from which

A balsam, 9 ins. diam., bears S.15°45'E., 39 lks.  
dist., marked  $\frac{1}{4}$  S 24 BT.

A balsam, 8 ins. diam., bears S.30°30'W., 47 lks.  
dist., marked  $\frac{1}{4}$  S 23 B T.

44.10 Draw, 70 ft. below  $\frac{1}{4}$  sec. cor., course E., about 6 chs.,  
thence, SE.; ascend SE. slope.

51.00 Leave timber, bears NW. and SE.

59.00 Top of ascent, 50 ft. above draw, slopes E.; descend over  
rolling NE. slope.

70.30 Old road, bears NW. and SE.

74.25 Recross old road, bears NE. and SW.

75.00 Enter timber, bears E. and W.

77.90 Recross old road, bears NW. and SE.

78.50 Small stream of clear water, course E.

80.00 On rolling NE. slope, 70 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. of secs. 13, 14, 23, and 24, with  
brass cap marked

$$\begin{array}{c} \text{T18S} \mid \text{R5E} \\ \hline \text{S14} \mid \text{S13} \\ \hline \text{S23} \mid \text{S24} \end{array}$$

1936

from which

A spruce, 10 ins. diam., bears N.5° 45'E., 153 lks.  
dist., marked T18SR5ES13BT.

A spruce, 12 ins. diam., bears S. 21°E., 238 lks.  
dist., marked T18SR5ES24BT.

A spruce, 8 ins. diam., bears S.57°45'W., 183 lks.  
dist., marked T18SR5ES23BT.

A spruce, 7 ins. diam., bears N.6°45'W., 193 lks.  
dist., marked T18SR5ES14BT.

Land, mountainous; NE. exposure.

Soil, rocky, sandy loam; 2nd to 3rd rate.

Timber, Douglas fir, balsam, and scattered aspen on  
portion of mile.

Undergrowth, scattered sagebrush, service berry, and  
goose berry; medium growth of woods and grass.

Good grazing land.

N. 89° 53'E., on random line between secs. 13 and 24.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.92 Intersect the E. bdy. of Tp., 5 lks. N. of the cor. of  
secs. 13, 18, 19, and 24, which is an iron post, 2 ins.  
diam., set, marked, and witnessed as described in the  
official record.

## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

Thence

S. 89° 55' W., on true line between secs. 13 and 24.

Ascend E. slope, over mountainous land, through medium dense undergrowth.

12.00 Enter aspen timber, bears N. and S.

16.00 Leave aspen timber, bears N. and S.

30.00 Enter rolling E. slope, and medium dense fir and spruce timber, bears NW. and SE.

39.96 On gentle E. slope, 660 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap markedS 13 $\frac{1}{4}$  S 24

1936

from which

A spruce, 18 ins. diam., bears S. 7° 30' E., 25 lks. dist., marked  $\frac{1}{4}$  S 24 BT.A spruce, 20 ins. diam., bears N. 8° W., 52 lks. dist., marked  $\frac{1}{4}$  S 13 BT.

57.00 Enter scattered timber, bears N. and S.

76.80 Small stream of clear water, course N., from SW.

79.92 The cor. of secs. 13, 14, 23, and 24, 275 ft. above  $\frac{1}{4}$  sec. cor.

Land, mountainous; rolling E. slope.

Soil, rocky, mountain loam; 2nd to 3rd rate.

Timber, Douglas fir, balsam, and spruce on portion of mile, and aspen on portion.

Undergrowth, sagebrush, choke cherry, service berry, and deer browse; medium growth of weeds and grass.

Good grazing land.

N. 0° 01' W., between secs. 13 and 14.

Over mountainous land, along gentle E. slope, through scattered timber of Douglas fir, spruce, and aspen, and medium dense undergrowth.

4.40 Small stream of clear water, course NE.

16.00 Descend NE. slope, bears NW. and SE.

23.00 Enter medium dense spruce and fir timber, bears NW. and S

40.00 On NE. slope, 175 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S14 S13

1936

from which



## Chains

A spruce, 12 ins. diam., bears S. 59° 15' E., 17 lks. dist., marked  $\frac{1}{4}$  S 13 B T.

A spruce, 10 ins. diam., bears S. 67° 30' W., 19 lks. dist., marked  $\frac{1}{4}$  S 14 B T.

61.60 Swasey creek, a stream of clear water, 5 lks. wide, 2 ins. deep, in gulch, 390 ft. below  $\frac{1}{4}$  sec. cor., course N. 80° E.; ascend SE. slope, entering medium dense aspen, and scattered spruce and fir timber.

75.75 Trail, bears E. and W.

80.00 On SE. slope, 360 ft. above creek.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, and in mound of stone to top, for cor. of secs. 11, 12, 13, and 14, with brass cap marked

T18S	R5E
S11	S12
S14	S13

1936

from which

An aspen, 6 ins. diam., bears N. 76° 15' E., 157 lks. dist., marked T18SR5ES12BT.

An aspen, 5 ins. diam., bears S. 84° 45' E., 142 lks. dist., marked T18SR5ES13BT.

An aspen 4 ins. diam., bears S. 3° W., 208 lks. dist., marked T18SR5ES14BT.

No suitable bearing tree in sec. 11. Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

Land, mountainous; E. exposure and drainage.

Soil, rocky, mountain loam; 2nd and 3rd rate.

Timber, Douglas fir, balsam, spruce, and aspen.

Undergrowth, segebrush, choke cherry and deer browse; medium growth of weeds and grass. Good grazing land.

N. 89° 55' E., on random line between secs. 12 and 13.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.92 Intersect E. bdy. of Tp., 5 lks. N. of the cor. of secs. 7, 12, 13, and 18, which is an iron post, set, marked and witnessed as described in the official records

Thence

S. 89° 57' W., on true line between secs. 12 and 13.

Ascend NE. slope over mountainous land, through medium dense undergrowth of segebrush.

15.00 Enter scattered juniper timber, and undergrowth of service berry, bears NE. and SW.

20.00 Enter gulch of Swasey creek, bears NE. from W.; thence along S. side of gulch.

38.60 Swasey creek, a stream of clear water, 5 lks. wide, in wash, 1 ch. wide, 15 ft. deep, in gulch 330 ft. above sec. cor., course N. 80° E., from SW.; ascend SE. slope

# SUBDIVISION OF T. 18 S., R. 5 E.

Chains

39.96 On SE. slope, 10 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S 12  
S 13

1936

from which

A juniper, 7 ins. diam., bears N. 64° E., 95 lks. dist., marked  $\frac{1}{4}$  S 12 B T.

A juniper, 8 ins. diam., bears S. 19° 30' E., 34 lks. dist., marked  $\frac{1}{4}$  S 13 B T.

74.00 Enter medium dense aspen timber, bears NE. and SW.

74.20 Trail, bears NE. and SW.

79.92 The cor. of secs. 11, 12, 13, and 14.

Land mountainous; NE. drainage.

Soil, rocky mountain loam; 3rd rate.

Timber, scattered juniper and medium dense aspen on portions of mile.

Undergrowth, sagebrush and service berry; medium growth of weeds and grass. Good grazing land.

N. 0° 01' W., between secs. 11 and 12.

Ascend gentle SE. slope over mountainous land, through scattered aspen timber, and medium dense undergrowth of sagebrush and service berry.

16.00 Top of ascent, 130 ft. above sec. cor., slopes E.; descend gentle NE. slope, enter dense aspen and scattered balsam and spruce timber, bears E. and W.

40.00 On NE. slope, 160 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S 11 | S 12

1936

from which

A balsam, 7 ins. diam., bears N. 61° E., 41 lks. dist., marked  $\frac{1}{4}$  S 12 B T.

A balsam, 6 ins. diam., bears S. 64° 30' W., 116 lks. dist., marked  $\frac{1}{4}$  S 11 B T.

56.00 Descend abrupt NE. slope, bears NW. and SE,

64.40 Stream of clear water, 5 lks. wide, in ravine, 310 ft. below  $\frac{1}{4}$  sec. cor., course S. 85° E.; ascend steep SE. slope

77.70 Trail bears NW. and SE.; enter scattered timber.

72.00 Top of ascent, 200 ft. above ravine, bears E. and W.; thence over nearly level land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in

## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

the ground to solid rock and in mound of stone to top,  
for cor. of secs. 1, 2, 11, and 12, with brass cap marked

T18S	R5E
S 2	S 1
S11	S12

1936

from which

A spruce, 10 ins. diam., bears N.1° 45'E., 458 lks.  
dist., marked T 18 S R 5 E S 1 B T.

A spruce, 19 ins. diam., bears S.84°30' E., 393 lks.  
dist., marked T18SR5ES12BT.

A spruce, 8 ins. diam., bears S. 62° W., 223 lks.  
dist., marked T18SR5ES11BT.

A spruce, 8 ins. diam., bears N.23°45'W., 305 lks.  
dist., marked T18SR5ES2BT.

Land, mountainous; E. exposure and drainage.  
Soil, rocky mountain loam; 2nd and 3rd rate.  
Timber, aspen, spruce, and Douglas fir.  
Undergrowth, sagebrush and service berry; medium growth  
of weeds and grass. . Good grazing land.

N. 89° 57' E., on random line between secs. 1 and 12.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

79.86 Intersect E. bdy. of Tp., 5 lks. N. of the cor. of secs.  
1, 6, 7, and 12, which is an iron post, 2 ins. diam.,  
set, marked and witnessed as described in the official  
records.

Thence

S. 89° 59'W., on true line between secs. 1 and 12.

Ascend E. slope over mountainous land, through scattered  
juniper timber, and medium dense oak, sagebrush, and  
service berry.

4.00 Old road, bears NW. and SE.

20.00 Recross old road, bears NE. and SW.

23.50 Recross old road, bears NW. and SE.

23.75 Wash, 30 lks. wide, 20 ft. deep, course S. 75°E.

39.93 On E. slope, 420 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in  
the ground to solid rock and in mound of stone to top,  
for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$ S 1
S 12

1936

from which

A juniper, 6 ins. diam., bears S. 20° W., 69 lks.  
dist., marked  $\frac{1}{4}$  S 12 B T.

A juniper, 7 ins. diam., bears N.52°45'W., 116 lks.

# SUBDIVISION OF T. 18 S., R. 5 E.

Chains

dist., marked  $\frac{1}{4}$  S 1 B T.

41.00 Leave juniper and enter medium dense fir and spruce, and scattered aspen timber, bears N. and S. Leave oak brush

48.70 Recross wash, course N. 70°E.

74.00 Top of ascent, 760 ft. above  $\frac{1}{4}$  sec. cor., bears N. and thence over rolling land, entering very scattered timber

79.86 The cor. of secs. 1, 2, 11, and 12.

Land, mountainous; E. exposure and drainage.  
Soil, rocky, clay and sandy loam; 2nd to 3rd rate.  
Timber, juniper, Douglas fir, balsam, and spruce.  
Undergrowth, sagebrush, oak, and service berry; medium growth of weeds and grass. Good grazing land.

N. 0° 01' W., between secs. 1 and 2.

Descend gentle NE. slope over rolling land, through medium dense undergrowth..

0.60 Old road, bears NE. and SW..

4.00 Enter aspen, and scattered fir and spruce timber, bears NE. and SW.

15.00 Leave timber, bears NW. and SE.

16.70 Old road, bears NW. and SE.

20.00 Stream of clear water, 10 lks. wide, 2 ins. deep, course S. 70°E.

33.00 Center of grass meadow, 5 chs. diam.

36.00 Enter medium dense aspen, fir, and spruce timber, bears NE. and SW.

40.00 On gentle NE. slope, 80 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S2 | S1

1936

from which

A. balsam, 10 ins. diam., bears S. 21° 15' E., 16 lks. dist., marked  $\frac{1}{4}$  S 1 B T.

A. balsam, 11 ins. diam., bears S. 47° 15' W., 35 lks. dist., marked  $\frac{1}{4}$  S 2 B T.

45.00 Rim of bench, bears E. and W.; descend N. slope, entering scattered timber.

80.00 On N. slope, 640 ft. below  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 4 and 5, sec. 1, and lots 1 and 8, sec. 2, with brass cap marked

## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

$$\begin{array}{c} 1 \\ 4 \\ \hline S2 \mid S1 \\ 8 \mid 5 \end{array}$$

1936

raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

84.30 Old road, bears NE. and SW.

96.12 On N. slope, 300 ft. below lot cor.

Intersect N. bdy. of Tp., E., 4.35 chs. dist., from cor. of secs. 35, and 36, heretofore described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 1 and 2, with brass cap marked

$$\begin{array}{c} T17SR5E \\ S36 \end{array}$$

$$\begin{array}{c} S2 \mid S1 \\ T18S \mid R5E \\ CC \end{array}$$

1936

from which

A spruce, 18 ins. diam., bears S. 69° E., 347 lks. dist., marked T18SR5E S1CCBT.

No other suitable bearing tree available. Raise a mound of stone, 3 ft. base, 2 ft. high S. of cor.

Land, mountainous; NE. exposure

Soil, rocky mountain loam; 2nd rate.

Timber, aspen, Douglas fir, and spruce.

Undergrowth, sagebrush and scattered service berry; medium growth of weeds and grass. Good grazing land.

From the cor. of secs. 2, 3, 34, and 35, on S. bdy. of Tp., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records.

N. 0° 01' W., between secs. 34 and 35.

Ascend along steep, rocky SW. slope over mountainous land, through medium dense undergrowth, and very scattered timber.

21.45 Wash, 10 lks. wide, 15 ft. deep, course SW.

40.00 On SW. slope, 390 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ S34 \mid S35 \end{array}$$

1936

from which

A Douglas fir, 12 ins. diam., bears S. 9° 15' E., 187 lks. dist., marked  $\frac{1}{4}$  S 35 B T.

## SUBDIVISION OF T. 18 S., R. 8 E.

## Chains

A Douglas fir, 18 ins. diam., bears S. 19° W., 269 lks. dist., marked  $\frac{1}{4}$  S 34 B T.

42.00 Top of ascent, 10 ft. above  $\frac{1}{4}$  sec. cor., slopes W.; descend over gentle NW. slope.

54.00 Enter aspen and scattered fir and spruce timber, bears NW. and SE.

59.10 Stream of clear water, 3 lks. wide, in draw 80 ft. below  $\frac{1}{4}$  sec. cor., course W.; ascend SW. slope.

64.00 Small spur, 20 ft. above draw, slopes W.; descend

69.80 Draw, 20 ft. below spur, course SW.; ascend S. slope.

80.00 On gentle S. slope, 130 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 26, 27, 34, and 35, with brass cap marked

T18S	R5E
S27	S26
S34	S35

1936

from which

An aspen, 6 ins. diam., bears N. 14° 50' E., 432 lks. dist., marked T18SR5ES26BT.

An aspen, 5 ins. diam., bears S. 55° 30' W., 171 lks. dist., marked T18SR5ES34BT.

An aspen, 8 ins. diam., bears N. 66° 30' W., 135 lks. dist., marked T18SR5ES27B T.

Land, mountainous; SW. exposure and drainage. Soil, sandy and clay loam, rocky; 2nd to 3rd rate. Timber, aspen, Douglas fir, and spruce on portion of mile. Undergrowth, sagebrush and service berry; medium growth of weeds and grass. Good grazing land.

East, on random line between secs. 26 and 35.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 25, 26, 35, and 36.

Thence

N. 89° 59' W., on true line between secs. 26 and 35.

Ascend gentle E. slope over top of Wagon Road Ridge, through medium dense undergrowth.

10.90 Old road, bears NW. and SE.

12.00 Top of Wagon Road Ridge, 80 ft. above sec. cor., bears N. and S.; descend over rolling W. slope of top of ridge.

18.00 W. rim of ridge, bears N. 10° W., and S. 10° E.; abrupt descent over rocky W. slope, entering scattered timber

## SUBDIVISION OF T. 18 S., R. 15 E.

## Chains

39.70

Wash, 20 lks. wide, 3 ft. deep, 660 ft. below ridge, course SW., at foot of abrupt descent, bears N. and S.; descend over rolling SW. slope, enter dense timber.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 26

S 35

1936

from which

A Douglas fir, 18 ins. diam., bears S.  $82^{\circ}30'W.$ , 85 lks. dist., marked  $\frac{1}{4}$  S 35 B T.

An aspen, 4 ins. diam., bears N.  $7^{\circ}W.$ , 11 lks. dist., marked  $\frac{1}{4}$  S 26 B T.

62.00

Enter scattered timber, bears NE. and SW.

65.00

Trail, bears N. and S.

69.80

Wash, 20 lks. wide, 1 ft. deep, in draw 280 ft. below  $\frac{1}{4}$  sec. cor., course SW.; ascend.

72.00

Small spur, 40 ft. above draw, projects SW.; descend.

74.80

Draw, 30 ft. below spur, course SW.; thence along gentle S. slope.

80.00

The cor. of secs. 26, 27, 34, and 35.

Land, mountainous.

Soil, rocky sandy loam; 2nd and 3rd rate.

Timber, aspen, Douglas fir, balsam, and spruce on portion of mile.

Undergrowth, sagebrush and scattered service berry; medium growth of weeds and grass. Good grazing land.

N.  $0^{\circ}01'W.$ , between secs. 26 and 27.

Ascend gentle S. slope over rolling mountainous land, through scattered timber, and medium dense undergrowth

10.00

Ascend rocky SW. slope, bears N.  $20^{\circ}W.$ , and S.  $20^{\circ}E.$

31.00

Top of ascent, 220 ft. above sec. cor., slopes SW.; descend NW. slope.

34.70

Draw, 10 ft. below top of ascent, course SW.; ascend SW. slope, entering dense timber.

36.60

Spur, 15 ft. above draw, projects W.; descend NW. slope, entering scattered timber.

40.00

On NW. slope, 20 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S27 S26

1936

from which

## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

An aspen, 4 ins. diam., bears S.27°30'E., 52 lks. dist., marked  $\frac{1}{4}$  S 26 B T.

An aspen, 5 ins. diam., bears S.19°30'W., 57 lks. dist., marked  $\frac{1}{4}$  S 27 B T.

48.70 Trail, bears NW. and SE.

49.00 Draw, 95 ft. below  $\frac{1}{4}$  sec. cor., course W.; ascend rocky SW. slope.

74.00 Top of ascent, 290 ft. above draw, slopes W.; thence along rocky W. slope

80.00 On steep, rocky W. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26, and 27, with brass cap marked

T18S	R5E
S22	S23
S27	S26

1936

from which

A spruce, 30 ins. diam., bears N.63°15'E., 83 lks. dist., marked T18SR5ES23BT.

A spruce, 18 ins. diam., bears S.78°15'E., 89 lks. dist., marked T18SR5ES26BT.

A spruce, 9 ins. diam., bears S.22°15'W., 139 lks. dist., marked T18SR5ES27BT.

A spruce, 12 ins. diam., bears N.40°45'W., 80 lks. dist., marked T18SR5ES22BT.

Land, mountainous; SW. exposure and drainage.  
Soil, rocky, sandy and clay loam; 2nd to 3rd rate.  
Timber, aspen, Douglas fir, balsam, and spruce.  
Undergrowth, sagebrush and deer browse; medium growth of weeds and grass. Good grazing land.

S. 89° 59'E., on random line between secs. 23 and 26.

40.60 Set temp.  $\frac{1}{4}$  sec. cor.

80.08 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 23, 24, 25, and 26.

Thence

S. 89° 58' W., on true line between secs. 23 and 26.

Ascend steep, rocky E. slope over mountainous land, through medium dense fir, spruce, and aspen timber, and scattered undergrowth.

14.00 Trail, bears NW. and SE.; leave timber, bears NW. and SE.

22.00 Rim of Wagon Road Ridge, 490 ft. above sec. cor., bears N. and S.; thence over rolling top of ridge.

31.00 Top of Wagon Road Ridge, bears NW. and S.20°E.; descend gentle W. slope.



## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

35.70 Old road, bears NW. and SE.

40.04 On rolling W. slope of top of Wagon Road Ridge, 35 ft. below top.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S 23  
S 26

1936

from which

An aspen, 4 ins. diam., bears S.  $81^{\circ}$  W., 215 lks. dist., marked  $\frac{1}{4}$  S 26 B T.

A spruce, 18 ins. diam., bears N.  $89^{\circ}$  45' W., 226 lks. dist., marked  $\frac{1}{4}$  S 23 B T.

42.00 Enter fir, spruce, and aspen timber, bears N. and S.

49.70 Head of draw, 110 ft. below  $\frac{1}{4}$  sec. cor., course NW.; ascend NE. slope.

54.00 Leave timber, bears NW. and SE.

64.00 Rim of spur, 15 ft. above draw, bears NW. and SE.; thence over rolling top of spur.

70.50 Rim of spur, projecting N.; abrupt descent over NW. slope; entering medium dense timber.

80.08 The cor. of secs. 22, 23, 26, and 27, 500 ft. below spur.

Land, mountainous.

Soil, rocky sandy loam; 2nd to 3rd rate.

Timber, aspen, Douglas fir, balsam, and spruce on portions of mile.

Undergrowth, sagebrush, service berry; and deer browse; medium growth of weeds and grass. Good grazing land.

N.  $0^{\circ}$  01' W., between secs. 22 and 23.

Descend NW. slope over mountainous land, through scattered timber, and undergrowth.

3.50 Draw, 50 ft. below sec. cor., course W.; ascend steep S. slope.

13.75 Point of spur, 350 ft. above draw, projects S.  $70^{\circ}$  W.; about 6 chs.; descend rocky NW. slope.

22.10 Draw, 75 ft. below spur, course S.  $80^{\circ}$  W.; ascend rocky SW. slope.

40.00 On rocky SW. slope, 380 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S22 | S23

1936

from which

## Chains

A spruce, 20 ins. diam., bears S. 75° 45' E., 120 lks. dist., marked  $\frac{1}{4}$  S 23 B T.

A spruce, 12 ins. diam., bears S. 49° W., 162 lks. dist., marked  $\frac{1}{4}$  S 22 B T.

42.50 Rim of Wagon Road Ridge, 50 ft. above  $\frac{1}{4}$  sec. cor., bears N. and SE.; thence over rolling top of ridge; ascend gentle S. slope.

47.00 Top of ridge, bears NW. and SE.; descend over rolling N. slope.

49.00 Old road, bears NW. and SE.

50.00 On gentle N. slope, 340 ft. below top of ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, with brass cap marked

T18S	R5E
S15	S14
S22	S23

1936

from which

A spruce, 10 ins. diam., bears N. 63° 30' E., 81 lks. dist., marked T18SR5ES14BT.

An aspen, 7 ins. diam., bears S. 32° 30' E., 39 lks. dist., marked T18SR5ES23BT.

An aspen, 4 ins. diam., bears S. 12° W., 19 lks. dist., marked T18SR5ES22BT.

A spruce, 12 ins. diam., bears N. 82° 30' W., 171 lks. dist., marked T18SR5ES15BT.

Land, mountainous.

Soil, sandy clay loam, rocky; 2nd to 3rd rate.

Timber, aspen, Douglas fir, balsam, and spruce.

Undergrowth, scattered sagebrush, deer browse, service berry, and yellow top; medium growth of weeds and grass. Good grazing land.

N. 89° 58' E., on random line between secs. 14 and 23.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 13, 14, 23, and 24.

Thence

S. 89° 53' W., on true line between secs. 14 and 23.

Ascend gentle NE. slope over rolling mountainous land, through scattered timber, and undergrowth.

1.50 Old road, bears N. and SE.

4.00 Enter medium dense timber, bears NE. and SE.

5.80 Small stream of clear water, 2 lks. wide, course NE.

## Chains

39.99 At foot of abrupt ascent, 360 ft. above sec. cor., bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S 14

S 23

1936

from which

A spruce, 12 ins. diam., bears N. 27° 45' E., 59 lks. dist., marked  $\frac{1}{4}$  S 14 B T.

A spruce, 26 ins. diam., bears S. 11° W., 73 lks. dist., marked  $\frac{1}{4}$  S 23 B T.

Ascend steep and rocky NE. slope.

46.80 Top of limestone ledge, 30 ft. high, bears NW. and SE.; ascend over gentle NE. slope.

56.00 Spur, 460 ft. above  $\frac{1}{4}$  sec. cor., projects NE.; descend slightly along rolling N. slope.

70.00 Enter scattered timber, bears NE. and SW.

79.98 The cor. of secs. 14, 15, 22, and 23, 130 ft. below spur.

Land, mountainous; N. exposure and drainage.

Soil, rocky, sandy and clay loam; 2nd to 3rd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered sagebrush, service berry and deer browse; medium growth of weeds and grass.

Good grazing land.

N. 0° 01' W., between secs. 14 and 15.

Descend N. slope over mountainous land, through dense fir, spruce, and scattered aspen timber, and scattered sagebrush, and service berry undergrowth.

8.10 Trail, bears NE. and SW.

8.90 Recross trail, bears NE. and SE.

12.10 Junction of draws, from NE. and SW., 300 ft. below sec. cor., course NE.; ascend steep SE. slope, leaving timber, bears E. and W.

12.80 Recross trail, bears NE. and SW.

39.00 Spur, 360 ft. above draw, projects E.; a few scattered aspen along spur; descend over gentle NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S 15 | S 14

1936

from which

An aspen, 6 ins. diam., bears S. 45° 30' E., 423 lks. dist., marked  $\frac{1}{4}$  S 14 B T.

Chains		anted						
..	An aspen, 4 ins. diam., bears S. 89° 01', 1452 lks. dist., marked $\frac{1}{4}$ S 15 B T.							
60.25	Swasey creek, a stream of clear water, 15 lks. wide, in draw, 275 ft. below spur, course S. 70° E.; dense fir and spruce along S. side of draw; ascend SE. slope, entering choke cherry and goose berry brush, bears E. and W.							
74.00	Enter scattered fir, spruce, and aspen timber, bears E. and W.							
80.00	On SE. slope, 440 ft. above creek. Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 10, 11, 14, and 15, with brass cap marked							
	<table><tr><td>T18S</td><td>R5E</td></tr><tr><td>S10</td><td>S11</td></tr><tr><td>S15</td><td>S14</td></tr></table>	T18S	R5E	S10	S11	S15	S14	
T18S	R5E							
S10	S11							
S15	S14							
	1936	from which						
	A balsam, 9 ins. diam., bears N. 77° E., 154 lks. dist., marked T18SR5ES11BT.							
	An aspen, 4 ins. diam., bears S. 34° 30' E., 85 lks. dist., marked T18SR5ES14BT.							
	A balsam, 10 ins. diam., bears S. 74° W., 223 lks. dist., marked T18SR5ES15BT.							
	A balsam, 12 ins. diam., bears N. 36° 30' W., 63 lks. dist., marked T18SR5ES10BT.							
	Land, mountainous; E. exposure and drainage. Soil, rocky, mountain loam; 2nd rate. Timber, balsam, Douglas fir, spruce, and aspen on portion of mile. Undergrowth, service berry, goose berry, sagebrush and deer browse; medium growth of weeds and grass. Good grazing land.							
	N. 89° 53' E., on random line between secs. 11 and 14.							
40.00	Set temp. $\frac{1}{4}$ sec. cor.							
79.92	Intersect N. and S. line, 3 lks. N. of the cor. of secs. 11, 12, 13, and 14.							
	Thence							
	S. 89° 54' W., on true line between secs. 11 and 14.							
	Ascend gentle SE. slope over rolling mountainous land, through undergrowth of sagebrush.							
18.00	Enter dense timber, bears N. and S.							
19.00	Trail, bears N. and S.							
39.96	On rolling SE. slope, 240 ft. above sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked							

## SUBDIVISION OF T. 18 S., R. 5 E.

Chains

$$\frac{1}{4} \begin{array}{c} S 11 \\ S 14 \end{array}$$

1936

from which

A balsam, 20 ins. diam., bears S. 8° E., 6 lks. dist., marked  $\frac{1}{4}$  S 14 B.T.

A balsam, 16 ins. diam., bears N. 8° 30' W., 22 lks. dist., marked  $\frac{1}{4}$  S 11 B.T.

51.00 Ascend abrupt SE. slope, bears NE. and SW.

60.00 Enter scattered timber, and undergrowth of service berry, and goose berry, bears NE. and SW.

79.92 The cor. of secs. 10, 11, 14, and 15, 940 ft. above  $\frac{1}{4}$  sec. cor.

Land, mountainous; SE. exposure.

Soil, rocky, clay loam; 2nd to 3rd rate.

Timber, balsam, Douglas fir, spruce, and aspen.

Undergrowth, sagebrush, service berry and goose berry. medium growth of weeds and grass. Good grazing land.

N. 0° 01' W., between secs. 10 and 11.

Ascend gentle SE. slope over rolling mountainous land, through scattered timber and scattered undergrowth.

5.00 Spur, 20 ft. above sec. cor., projects E.; descend gentle NE. slope, entering dense timber, bears E. and W.

21.30 Draw, 170 ft. below spur, course NE.; ascend over rolling SE. slope.

40.00 On rolling SE. slope, 60 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{c} S 10 \\ S 11 \end{array}$$

1936

from which

An aspen, 6 ins. diam., bears S. 84° 15' E., 161 lks. dist., marked  $\frac{1}{4}$  S 11 B.T.

A spruce, 12 ins. diam., bears N. 26° 30' W., 382 lks. dist., marked  $\frac{1}{4}$  S 10 B.T.

53.50 Spur, 75 ft. above  $\frac{1}{4}$  sec. cor., projects E.; thence over rolling top of spur.

60.00 Rim of spur, projecting SE. from NW.; descend steep N. slope.

66.10 Small spring of clear water, bears E., 60 lks. dist.; drains N.

80.00 On N. slope, 650 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, with brass cap marked

## SUBDIVISION OF T. 18 S., R. 5 E.

Chains

T18S	R5E
S 3	S 2
S10	S11

1936

from which

A balsam, 10 ins. diam., bears N.47°30'E., 34 lks. dist., marked T18SR5ES2BT.

A balsam, 15 ins. diam., bears S.55°45'E., 67 lks. dist., marked T18SR5ES11BT.

A pine, 18 ins. diam., bears S. 45° W., 36 lks. dist., marked T18SR5ES10BT.

A balsam, 8 ins. diam., bears N.42°15'W., 6 lks. dist., marked T18SR5ES3BT.

Land, rolling mountains on S. portion and steep slopes on N. portion.  
Soil, clay loam, rocky; 3rd rate.  
Timber, balsam, Douglas fir, spruce and scattered aspen.  
Undergrowth, scattered deer browse, service berry, and sagebrush; medium growth of weeds and grass.  
Good grazing land.

N. 89° 54' E., on random line between secs. 2 and 11.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.04 Intersect N. and S. line; 14 lks. N. of the cor. of secs. 1, 2, 11, and 12.

Thence

West, on true line between secs. 2 and 11.

Ascend rolling E. slope over mountainous land, through scattered undergrowth.

0.30 Old road, bears N.20°E., and S.20°W.

2.00 Enter medium dense timber, bears NE. and SW.

37.00 Ascent becomes more abrupt, bears N. and S.

39.00 Trail, bears NE. and SW.

40.02 On E. slope, 360 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S 2
	S 11

1936

from which

A balsam, 12 ins. diam., bears N. 3° E., 22 lks. dist., marked  $\frac{1}{4}$  S 2 B T.

A balsam, 8 ins. diam., bears south, 25 lks. dist., marked  $\frac{1}{4}$  S 11 B T.

SUBDIVISION OF T. 18 S., R. 5 E.

Chains

- 45.00 Top of abrupt ascent, 370 ft. above  $\frac{1}{4}$  sec. cor., slopes NE.; thence ascend gradually along N. slope, leaving timber, bears NE. and SW.
- 60.00 Enter medium dense timber, bears N. and S.
- 66.00 Top of ascent, 400 ft. above  $\frac{1}{4}$  sec. cor., slopes N.; descend along N. slope.
- 74.90 Small stream of clear water, 2 lks. wide, in draw, 90 ft. below top of ascent, course N., ascend along N. slope
- 79.20 Small stream of clear water, 2 lks. wide, course N.20°E.
- 80.04 The cor. of secs. 2, 3, 10, and 11.

Land, mountainous; E. and NE. exposure.  
Soil, rocky, clay loam; 2nd to 3rd rate.  
Timber, balsam, Douglas fir, spruce, and scattered aspen.  
Undergrowth, scattered deer browse, service berry, choke cherry, and sagebrush; medium growth of weeds and grass.  
Good grazing land.

N. 0° 01' W., between secs. 2 and 3.

Descend steep N. slope over mountainous land, through medium dense timber of fir and spruce, and scattered undergrowth.

- 12.50 Descent becomes more gradual, bears E. and W.; leave fir and spruce, and enter dense aspen timber, bears E. and W.
- 18.00 Small stream of clear water, course NE.; enter scattered timber, bears NE. and S.
- 40.00 On gentle N. slope, 390 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S3 | S2

1936

from which

An aspen. 12 ins. diam., bears S.85°E., 461 lks. dist., marked  $\frac{1}{4}$  S 2 B T.

An aspen. 10 ins. diam., bears N.62°15'W., 220 lks. dist., marked  $\frac{1}{4}$  S 3 B T.

- 49.20 Old road, bears N. 70°W., and S.70°E.; enter dense aspen timber, bears E. and W.
- 53.00 Enter scattered aspen, and dense fir and spruce timber, bears E. and W.
- 63.00 Descend abrupt N. slope, bears E. and W.
- 74.00 Enter dense aspen and scattered fir and spruce timber, bears E. and W.
- 80.00 On N. slope, 670 ft. below  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

Chains

S11609

the ground, for cor. of lots 4 and 5, sec. 2, and lots 1 and 8, sec. 3, with brass cap marked

$$\begin{array}{c} 1 \\ \hline S38 \end{array} \begin{array}{c} 4 \\ \hline 5 \end{array} S2$$

00.00

1936

from which

A spruce, 14 ins. diam., bears N. 59° 45' E., 36 lks. dist., marked 4 S 2 B T.

A balsam, 24 ins. diam., bears S. 17° 45' E., 43 lks. dist., marked 5 S 2 B T.

A balsam, 16 ins. diam., bears S. 25° 15' W., 44 lks. dist., marked 8 S 3 B T.

An aspen, 8 ins. diam., bears N. 34° 45' W., 37 lks. dist., marked 1 S 3 B T.

86.20 Old road, bears E. and W.

90.50 Enter scattered timber, bears E. and W.

96.15 On N. slope, 190 ft. below lot cor.

Intersect N. bdy. of Tp., E., 4.25 chs. dist. from the cor. of secs. 34 and 35, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 2 and 3, with brass cap marked

$$\begin{array}{c} T17SR5E \\ \hline S \ 35 \\ \hline S \ 3 \quad S \ 2 \\ T18S \quad R5E \\ \hline CC \end{array}$$

1936

from which

A spruce, 36 ins. diam., bears S. 71° 30' E., 675 lks. dist., marked T18SR5ES2CCBT.

A spruce, 20 ins. diam., bears S. 34° 30' W., 314 lks. dist., marked T18SR5ES3CCBT.

Land, mountainous; N. exposure and drainage.  
Soil, rocky mountain loam; 2nd and 3rd rate.  
Timber, balsam, Douglas fir, spruce, and aspen.  
Undergrowth, sagebrush, service berry, and goose berry;  
medium growth of weeds and grass. Good grazing land.

From the cor. of secs. 3, 4, 33, and 34, on S. bdy. of Tp., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records.

N. 0° 02' W., between secs. 33 and 34.

Descend along rolling NE. slope, over mountainous land, through medium dense undergrowth, and scattered timber.

17.00 Swale, 80 ft. below sec. cor., course E.; thence along rolling E. slope.



## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

39.00 Wash, 10 lks. wide, 3 ft. deep, course SE.; ascend gentle SE. slope.

40.00 On gentle SE. slope, 120 ft. above swale.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S33 | S34

1936

from which

A juniper, 4 ins. diam., bears N. 5° E., 58 lks. dist., marked  $\frac{1}{4}$  S 34 B T.

A juniper, 4 ins. diam., bears N. 88° 30' W., 127 lks. dist., marked  $\frac{1}{4}$  S 33 B T.

50.00 Top of SE. slope, bears E. and W.; thence ascend gradually along E. slope.

80.00 On E. slope, 210 ft. above  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and in mound of stone to top, for cor. of secs. 27, 28, 33, and 34, with brass cap marked

T18S | R5E  
 S28 | S27  
 S33 | S34

1936

from which

A limber pine, 18 ins. diam., bears N. 41° 30' E., 240 lks. dist., marked T18SR5ES27ET.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

Land, mountainous; E. exposure and drainage.

Soil, clay loam; rocky; 3rd rate.

Timber, very scattered aspen, juniper, and limber pine.

Undergrowth, sagebrush, oak, and service berry; medium growth of weeds and grass. Good grazing land.

East, on random line between secs. 27 and 34.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.80 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 26, 27, 34, and 35.

Thence

N. 89° 57' W., on true line between secs. 27 and 34.

Along gentle S. slope, over mountainous land, through scattered aspen timber, and dense undergrowth.

1.00 Enter dense aspen timber, bears N. and S.

3.00 Leave timber, bears N. and S.

17.60 Descend steep W. slope, entering scattered pine and juniper timber, bears N. and S.

# SUBDIVISION OF T. 18 S., R. 5 E.

Chains	
31.80	Wash, 30 lks. wide, 20 ft. deep, course SW.
36.10	Recross wash, course NW.
39.90	Point for $\frac{1}{4}$ sec. cor. in S. edge of wash; impracticable to set cor., monument below sec. cor.
40.20	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for WC to $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{c} S 27 \\ S 34 \end{array} WC$
	1936 from which
	A limber pine, 12 ins. diam., bears S. 84° 15' E., 139 lks. dist., marked WC $\frac{1}{4}$ S 34 B T.
	A juniper, 8 ins. diam., bears N. 77° W., 49 lks. dist., marked WC $\frac{1}{4}$ S 27 B T.
	Cor. stands on W. slope, 580 ft. below sec. cor., and on S. bank of wash, course N. 70° W.
42.10	Trail, bears NW. and SE.
57.90	Recross wash, course SW.
64.10	Bear Creek, a stream of clear water, 20 lks. wide, in canyon, 300 ft. below witness $\frac{1}{4}$ sec. cor., course S.; dense willows along banks of creek; ascend E. slope.
79.80	The cor. of secs. 27, 28, 33, and 34, 360 ft. above creek
	Land, mountainous. Soil, rocky mountain loam; 2nd and 3rd rate. Timber, scattered aspen, juniper and limber pine. Undergrowth, sagebrush, oak, and service berry brush; medium growth of weeds and grass. Good grazing land.
	N. 0° 02' W., between secs. 27 and 28.
	Along E. slope over mountainous land, through scattered aspen and pine timber, and dense undergrowth.
3.00	Descend steep NE. slope, bears E. and W.
14.90	Little Bear Creek, a stream of clear water, 6 lks. wide, in canyon, 120 ft. below sec. cor., course SE.; ascend steep S. slope.
29.00	Top of abrupt ascent, 290 ft. above creek, bears NW. and SE.; thence ascend along rolling E. slope.
39.00	Enter dense aspen and scattered pine timber, bears E. and W.
40.00	On rolling E. slope, 210 ft. above creek.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{c} S 28 \\ S 27 \end{array}$
	1936 from which

## Chains

An aspen, 6 ins. diam., bears N. 61° 30' E., 33 lks. dist., marked  $\frac{1}{4}$  S 27 B T.

A limber pine, 8 ins. diam., bears S. 6° 15' W., 128 lks. dist., marked  $\frac{1}{4}$  S 28 B T.

Continue along E. slope, broken by small basins or depressions.

80.00 On E. slope, 120 ft. above  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, with brass cap marked

T18S	R5E
S21	S22
S28	S27

1936

from which

A limber pine, 8 ins. diam., bears N. 34° E., 40 lks. dist., marked T18SR5ES22BT.

An aspen, 6 ins. diam., bears S. 49° E., 12 lks. dist., marked T18SR5ES27BT.

An aspen, 5 ins. diam., bears S. 53° 30' W., 89 lks. dist., marked T18SR5ES28BT.

A spruce, 12 ins. diam., bears N. 32° W., 32 lks. dist., marked T18SR5ES21BT.

Land, mountainous; drainage E.

Soil, rocky, sandy, clay loam; 3rd rate.

Timber, aspen, and scattered limber pine, spruce, and Douglas fir.

Undergrowth, sagebrush, oak and service berry brush; medium growth of weeds and grass. Good grazing land.

S. 89° 57' E., on random line between secs. 22 and 27.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.90 Intersect the cor. of secs. 22, 23, 26, and 27.

Thence

N. 89° 57' W., on true line between secs. 22 and 27.

Descend steep rocky W. slope, over mountainous land, through dense timber, and scattered undergrowth.

5.50 Foot of abrupt descent, 200 ft. below sec. cor., bears N. 20° W., and S. 20° E.; descend over gentle W. slope.

29.80 Trail, bears N. 30° W., and S. 30° E. enter scattered timber, and dense undergrowth.

39.95 On W. slope, 600 ft. below sec. cor.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$ S 22
S27

1936

from which

## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

A spruce, 12 ins. diam., bears S. 84° 30' W., 86 lks. dist., marked  $\frac{1}{2}$  S 27 B T.

An aspen, 5 ins. diam., bears N. 26° W., 79 lks. dist., marked  $\frac{1}{2}$  S 22 B T.

65.20 Big Bear Creek, a stream of clear water, 20 lks. wide, in canyon, 220 ft. below  $\frac{1}{2}$  sec. cor., course S.; ascend E. slope, entering dense timber.

79.90 The cor. of secs. 21, 22, 27, and 28, 190 ft. above creek

Land, mountainous.

Soil, sandy clay loam; 1st. rate.

Timber, aspen, balsam, spruce, and limber pine.

Undergrowth, sagebrush, service berry, and deer browse.

Medium growth of weeds and grass. Good grazing land.

N. 0° 02' W., between secs. 21 and 22.

Ascend slightly along E. slope over mountainous land, through dense aspen, and scattered fir, spruce, and pine timber, and dense undergrowth.

15.20 Small stream of clear water, 3 lks. wide, course E.

18.00 Leave timber, and enter undergrowth of sagebrush, bears E. and W.

34.00 Enter dense aspen, and scattered fir, spruce, and pine timber, bears E. and W.

40.00 On E. slope, 160 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked

S21 | S22

1936

from which

An aspen, 5 ins. diam., bears N. 60° 30' E., 26 lks. dist., marked  $\frac{1}{2}$  S 22 B T.

A Douglas fir, 12 ins. diam., bears S. 23° W., 158 lks. dist., marked  $\frac{1}{2}$  S 21 B T.

49.00 Descend gentle NE. slope.

59.00 Bottom of canyon of Big Bear Creek, 40 ft. below  $\frac{1}{2}$  sec. cor., bears N., and S. 20° E.; thence along bottom of canyon, through dense willows.

79.78 At this point, on W. side of bottom of canyon, and on N. bank of creek.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to cor. of secs. 15, 16, 21, and 22, with brass cap marked

WC.  
T188 | R5E  
S16 | S15  
S21 | S22

1936

from which

SUBDIVISION OF T. 18 S., R. 5 E.

Chains

A spruce, 20 ins. diam., bears N.15°45'E., 147 lks. dist., marked WCT18SR5ES15BT.

A balsam, 8 ins. diam., bears S. 85° E., 12 lks. dist., marked WCT18SR5ES22BT.

A spruce, 9 ins. diam., bears S.76° 30'W., 72 lks. dist., marked WCT18SR5ES21BT.

A spruce, 10 ins. diam., bears N. 53° W., 187 lks. dist., marked WCT18SR5ES16BT.

80.00 True point for cor. of secs. 15, 16, 21, and 22, in Big Bear Creek, a stream of clear water, 20 lks. wide, course S. 20°E.; impracticable to set cor. monument.

Land, mountainous; drainage E.  
Soil, rocky, sandy mountain loam; 2nd rate.  
Timber, aspen and scattered balsam, Douglas fir, spruce, and limber pine.  
Undergrowth, sagebrush, service berry, and deer browse.  
Medium growth of weeds and grass. Good grazing land.

S. 89° 57' E., on random line between secs. 15 and 22.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.94 Intersect N. and S. line, 12 lks. E. of the cor. of secs. 14, 15, 22, and 23.

Thence

S. 89° 58' W., on true line between secs. 15 and 22.

Along N. slope over mountainous land, through scattered aspen, fir, and spruce timber, and scattered undergrowth

4.70 Trail, bears NE. and S<sup>n</sup>.

5.20 Head of draw, course N. 30°E.; ascend over rolling E. slope.

20.00 Enter dense aspen timber, bears N. and S.

23.00 Old road, bears NW. and SE.

30.00 Top of Wagon Road Ridge, 240 ft. above sec. cor., bears NW. and SE.; leave timber; thence over rolling top of ridge.

37.00 Descend gradual W. slope, entering scattered spruce timber bears NW. and SE.

39.97 On rim of Wagon Road Ridge, 30 ft. below top, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S\ 15}{S\ 22}$

1936

from which

A spruce, 10 ins. diam., bears S. 36° E., 240 lks.

## Chains

dist., marked  $\frac{1}{4}$  S 22 B T.

A spruce, 8 ins. diam., bears N. 61° 30' W., 67 lks.  
dist., marked  $\frac{1}{4}$  S 15 B T.

Descend abrupt SW. slope, entering medium dense spruce, fir, and scattered aspen timber.

70.00 Foot of abrupt descent, 850 ft. below  $\frac{1}{4}$  sec. cor., bears NW. and SE.; descend gradual SW. slope.

76.40 Trail, bears NW. and SE.

79.94 The true point for cor. of secs. 15, 16, 21, and 22, 990 ft. below  $\frac{1}{4}$  sec. cor.

Land, mountainous.

Soil, rocky, sandy mountain loam; 2nd to 3rd rate.

Timber, aspen, spruce, Douglas fir, and balsam.

Undergrowth, deer browse, sagebrush, and service berry.

Medium growth of weeds and grass. Good grazing land.

N. 0° 02' W., between secs. 15 and 16.

Ascend gradual SW. slope, over mountainous land, through dense timber, and scattered undergrowth.

9.00 Trail, bears NW. and SE.

39.00 Foot of steep slope, bears NW. and SE.; ascend steep rocky SW. slope.

40.00 On abrupt SW. slope, 480 ft. above true point for sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S16 | S15  
 1936

from which

A spruce, 18 ins. diam., bears S. 22° 45' E., 143 lks.  
dist., marked  $\frac{1}{4}$  S 15 B T.

A spruce, 12 ins. diam., bears N. 67° 45' W., 88 lks.  
dist., marked  $\frac{1}{4}$  S 16 B T.

57.50 Rim of Wagon Road Ridge, 560 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE., thence over rolling top of ridge.

65.00 Leave timber, bears NW. and SE.

68.60 Old road, bears NW. and SE.

80.00 On rolling top of Wagon Road Ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15, and 16, with brass cap marked

T18S | R5E  
 S 9 | S10  
 S16 | S15

1936

raise a mound

## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

stone,  $3\frac{1}{2}$  ft. base, 3 ft. high W. of cor.

Land, mountainous.

Soil, rocky, sandy, mountain loam; 2nd to 3rd rate.

Timber, balsam, Douglas fir, spruce, and scattered aspen on portion of mile.

Undergrowth, scattered sagebrush, service berry, and deer browse; medium growth of weeds and grass. Good grazing land.

N.  $89^{\circ} 58' E.$ , on random line between secs. 10 and 15.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.92 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 10, 11, 14, and 15.

Thence

S.  $89^{\circ} 55' W.$ , on true line between secs. 10 and 15.

Ascend slightly along gentle S. slope, over rolling mountainous land, through medium growth of weeds and grass

34.00 Enter medium dense timber, bears W. and SE.

39.96 On gentle S. slope, 50 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S 10}{S 15}$

1936

from which

A spruce, 12 ins. diam., bears S.  $33^{\circ} E.$ , 88 lks. dist., marked  $\frac{1}{4}$  S 15 B T.

A spruce, 10 ins. diam., bears N.  $70^{\circ} W.$ , 72 lks. dist., marked  $\frac{1}{4}$  S 10 B T.

50.00 Leave timber, bears N. and S.

65.00 Head of draw, and Swasey creek, course S.  $70^{\circ} E.$ ; a small spring of clear water, bears SE., 2.00 chs. dist. Ascend over rolling NE. slope.

79.92 The cor. of secs. 9, 10, 15, and 16, 100 ft. above draw.

Land, rolling mountain top; SE. exposure and drainage.

Soil, clay loam; 2nd rate.

Timber, balsam, spruce, and scattered aspen on portion of mile.

Undergrowth, medium growth of weeds and grass.

Good grazing land.

N.  $0^{\circ} 02' W.$ , between secs. 9 and 10.

Over rolling top of mountain, through medium growth of weeds and grass.

18.30 Old road, bears E. and W.

## Chains

39.00 Enter scattered balsam, spruce, and aspen timber, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap marked

$\frac{1}{4}$   
S 9 | S10

1936

from which

A spruce, 12 ins. diam., bears S.  $10^{\circ}45'E.$ , 73 lks. dist., marked  $\frac{1}{4}$  S 10 B T.

A spruce, 10 ins. diam., bears N.  $18^{\circ} W.$ , 344 lks. dist., marked  $\frac{1}{4}$  S 9 B T.

55.00 Rim of mountain, bears E. and W.; abrupt descent over N. slope, entering dense fir, spruce, and scattered aspen timber.

67.00 Descend NE. slope.

80.00 On NE. slope, 580 ft. below rim of mountain.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, with brass cap marked

T18S | R5E  
S 4 | S 3  
S 9 | S10

1936

from which

A balsam, 16 ins. diam., bears N.  $31^{\circ} 30'E.$ , 20 lks. dist., marked T18SR5ES3BT.

A balsam, 20 ins. diam., bears S.  $34^{\circ} 30'E.$ , 26 lks. dist., marked T18SR5ES10BT.

A balsam, 8 ins. diam., bears S.  $73^{\circ} 45'W.$ , 26 lks. dist., marked T18SR5ES9BT.

A spruce, 12 ins. diam., bears N.  $5^{\circ} 15'W.$ , 140 lks. dist., marked T18SR5ES4BT.

Land, mountainous; rolling mountain top of S. portion, and steep slope on N. portion.

Soil, clay loam; rocky; 2nd and 3rd rate.

Timber, balsam, Douglas fir, spruce, and scattered aspen on portion of mile.

Undergrowth, medium growth of weeds and grass.

Good grazing land.

N.  $89^{\circ} 55' E.$ , on random line between secs. 3 and 10.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.04 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 2, 3, 10, and 11.

Thence

S.  $89^{\circ} 57' W.$ , on true line between secs. 3 and 10.



## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

- Ascend slightly along steep N. slope, over mountainous land, through medium dense timber, and scattered undergrowth.
- 20.00 Top of ascent, 100 ft. above sec. cor., slopes N.; descend NW. slope
- 39.30 Stream of clear water, 2 lvs. wide, in draw 325 ft. below top of ascent, course N.; ascend NE. slope.
- 40.02 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $\frac{1}{4}$  S 3  
S 10
- 1936 from which
- A spruce, 20 ins. diam., bears S. 13° E., 18 lks. dist., marked  $\frac{1}{4}$  S 10 B T.
- A spruce, 16 ins. diam., bears N. 33° 30' W., 55 lks. dist., marked  $\frac{1}{4}$  S 3 B T.
- 47.00 Ascend gradually along N. slope, leaving timber, bears N. and S.
- 70.00 Top of ascent, 400 ft. above  $\frac{1}{4}$  sec. cor., slopes N.; descend NW. slope, entering timber, bears N. and S.
- 75.00 Draw, 180 ft. below top of ascent, course N.; ascend NE. slope.
- 80.04 The cor. of secs. 3, 4, 9, and 10, 130 ft. above draw.
- Land, mountainous; steep slopes; N. exposure and drainage  
Soil, hard clay loam; rocky, 3rd rate.  
Timber, balsam, Douglas fir, spruce, and scattered aspen on portion of mile.  
Undergrowth, scattered goose berry and deer browse;  
medium growth of weeds and grass.  
Good grazing land.
- 
- N. 0° 02' W., between secs. 3 and 4.
- Descend steep NE. slope, over mountainous land, through medium dense timber, and scattered undergrowth.
- 11.00 Foot of abrupt descent, 375 ft. below sec. cor., bears E. and W.; thence descend over rolling N. slope.
- 23.00 Leave timber, bears E., and W. enter grass meadow.
- 28.00 Leave grass meadow, enter dense timber, bears E. and W.
- 40.00 On N. slope, 550 ft. below sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $\frac{1}{4}$   
S 4 | S 3
- 1936 from which

## Chains

A spruce, 12 ins. diam., bears N.  $1^{\circ}$  E., 137 lks.  
dist., marked  $\frac{1}{4}$  S 3 B T.

A spruce, 10 ins. diam., bears N.  $22^{\circ}30'$  W., 181 lks.  
dist., marked  $\frac{1}{4}$  S 4 B. T.

65.25 Old road, bears E. and W.

68.00 Descend abrupt N. slope, bears E. and W.

80.00 On N. slope, 710 ft. below  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
the ground, for cor. of lots 4 and 5, sec. 3, and lots  
1 and 8, sec. 4, with brass cap marked

$$\begin{array}{c} 1 \quad 4 \\ S4 \quad \frac{1}{8} \quad \frac{4}{5} \quad S3 \end{array}$$

1936

from which

A spruce, 8 ins. diam., bears N.  $12^{\circ}30'$  E., 36 lks.  
dist., marked  $\frac{1}{4}$  S 3 B T.

A spruce, 6 ins. diam., bears S.  $46^{\circ}30'$  E., 24 lks.  
dist., marked 5 S 3 B T.

A spruce, 12 ins. diam., bears S.  $15^{\circ}45'$  W., 10 lks.  
dist., marked 8 S 4 B T.

A spruce, 10 ins. diam., bears N.  $31^{\circ}45'$  W., 26 lks.  
dist., marked 1 S 4 B T.

87.60 Seely Creek, a stream of clear water, 12 lks. wide, in  
canyon, 70 ft. below lot cor., course S.  $80^{\circ}$  E.; dense  
willow along banks of creek; ascend S. slope, leaving  
timber, and oak brush.

96.07 On S. slope, 70 ft. above creek, in dense oak brush.

Intersect N. bdy. of Tp. 18 S., R. 5 E., 4.31 chs. dist., from the  
cor. of secs. 33 and 34, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for closing cor. of secs. 3 and 4, with brass  
cap marked

$$\begin{array}{c} T17SR5E \\ S \quad 34 \\ \hline S \quad 4 \quad | \quad S \quad 3 \\ T18S \quad | \quad R5E \\ CC \end{array}$$

1936

raise a  
mound of stone, 3 ft. base, 3 ft. high S. of cor.

Land, mountainous; steep and broken slopes.  
Soil, rocky. mountain loam; 2nd to 3rd rate.  
Timber, balsam, Douglas fir, spruce, and scattered aspen.  
Undergrowth, scattered deer browse, service berry, and  
sagebrush, dense willow along creek. Medium growth of  
weeds and grass. Good grazing land.

## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

From the cor. of secs. 4, 5, 32, and 33, on S. bdy. of Tp., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records.

N.  $0^{\circ} 03' W.$ , between secs. 32 and 33.

Ascend steep S. slope, over mountainous land, through dense undergrowth of oak, service berry, and sagebrush.

22.00 Enter dense aspen timber, and scattered undergrowth, bears E. and W.

28.00 Leave timber, and enter dense undergrowth, bears E. and W.; ascend over rolling S. slope.

36.00 Enter medium dense fir, spruce, and scattered pine and aspen timber, and scattered undergrowth, bears E. and W.

40.00 On rolling S. slope, 600 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked

S32 | S33

1936

from which

A limber pine, 8 ins. diam., bears S.  $29^{\circ} E.$ , 64 lks. dist., marked S 33 B T.

A limber pine, 9 ins. diam., bears S.  $63^{\circ} W.$ , 151 lks. dist., marked S 32 B T.

41.00 Top of ascent, 10 ft. above sec. cor., slopes E.; descend NE. slope.

45.00 Small draw, 30 ft. below top of ascent, course SE.; ascend SE. slope.

50.00 Top of ascent, on point of Trail Ridge, 50 ft. above draw, slopes SE.; descend E. slope.

53.10 Small draw, 18 ft. below top of ascent, course SE.; ascend SE. slope.

67.00 Top of ascent, 135 ft. above draw, slopes E.; thence along E. slope.

80.00 On E. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32, and 33, with brass cap marked

T18S | R5E

S29 | S28

S32 | S33

1936

from which

A spruce, 18 ins. diam., bears N.  $24^{\circ} E.$ , 16 lks. dist., marked T18SR5ES28BT.

A spruce, 20 ins. diam., bears S.  $25^{\circ} E.$ , 10 lks. dist., marked T18SR5ES33BT.

## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

A spruce, 12 ins. diam., bears S. 35°W., 18 lks. dist., marked T18SR5ES32BT.

A spruce, 18 ins. diam., bears N. 30°W., 36 lks. dist., marked T18SR5ES29BT.

Land, mountainous; SE. exposure and drainage.

Soil, rocky, sandy loam; 3rd rate.

Timber, aspen, spruce, Douglas fir, balsam, and scattered limber pine.

Undergrowth, oak, service berry, and sagebrush; medium growth of weeds and grass. Good grazing land.

East, on random line between secs. 28 and 33.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 27, 28, 33, and 34.

Thence

N. 89° 59'W., on true line between secs. 28 and 33.

Ascend rocky E. slope, over mountainous land, through scattered aspen and pine timber, and undergrowth of oak, service berry, and sagebrush.

15.00 Enter dense aspen timber, bears N. and S.

33.00 Ascend abrupt E. slope, bears N. and S.

34.00 Leave timber, bears N. and S.

40.01 On abrupt E. slope, 530 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S\ 28}{S\ 33}$

1936

from which

A limber pine, 12 ins. diam., bears S. 43°W., 194 lks. dist., marked  $\frac{1}{4}$  S 33 B T.

41.00 Top of abrupt ascent, bears N. and S.; thence ascend over rolling E. slope.

48.00 Enter dense aspen timber, bears N. and S.

52.90 Pole corral, 3 chs. long, E. and W., and 2 chs. wide, N. and S.

54.00 Enter scattered fir, spruce, pine, and aspen timber, bears N. and S.

80.02 The cor. of secs. 28, 29, 32, and 33, 250 ft. above  $\frac{1}{4}$  sec. cor.

Land, mountainous; E. exposure.

Soil, heavy sandy clay loam; rocky; 2nd to 3rd rate.

Timber, aspen; spruce, Douglas fir; balsam, and limber pine on portions of mile.

## SUBDIVISION OF T. 18 S., R. 5 E., S. 1 E.

Chains

marked

Undergrowth, sagebrush, oak, service berry, and deer browse; medium growth of weeds and grass.  
Good grazing land.

N. 0° 03' W.; between secs. 28 and 29.

Along E. slope, over mountainous land, through dense fir, spruce, and scattered aspen timber, and scattered undergrowth.

36.50 Descend steep N. slope, bears E. and W.

30.80 Little Bear Creek, a stream of clear water, 6 lks. wide, in wash, 2 chs. wide, with steep banks, 30 ft. high, in canyon, 230 ft. below sec. cor., course S. 80° E.; ascend S. slope.

40.00 On S. slope, 100 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked

S29 | S28

1936

from which

A spruce, 20 ins. diam., bears S. 40° E., 10 lks. dist., marked S 28 B T.

A balsam, 10 ins. diam., bears S. 72° W., 33 lks. dist., marked S 29 B T.

44.90 Trail, bears N. 60° E., and S. 80° W.

52.00 Small spring on line, drains E., about 2.00 chs. into small pond, 2 chs. diam.

58.00 Trail, bears E. and W.

68.60 Enter dense willows, bears E. and W.

62.00 Leave willows, bears E. and W.; ascend abrupt S. slope.

72.20 Limestone ledge, 25 ft. high, bears E., and W.; enter scattered timber.

80.00 On S. slope, 900 ft. above  $\frac{1}{2}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28, and 29, with brass cap marked

T188 | R5E

S20 | S21

S29 | S28

1936

from which

A spruce, 18 ins. diam., bears N. 77° 30' E., 173 lks. dist., marked T188 R5E S21 B T.

An aspen, 8 ins. diam., bears S. 70° 15' E., 121 lks. dist., marked T188 R5E S28 B T.

## Chains

S. 18 S. 1 R. 5 E. 2

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

Land, mountainous; SE. exposure and drainage.

Soil, rocky sandy mountain loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered deer browse, sagebrush, and service berry; medium growth of weeds and grass.

Good grazing land.

S. 89° 59' E., on random line between secs. 21 and 28.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 21, 22, 27, and 28.

Thence

S. 89° 57' W., on true line between secs. 21 and 28.

Ascend rolling E. slope, over mountainous land, through medium dense timber, and scattered undergrowth.

40.01 On E. slope, 470 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S 21  
S 28

1936

from which

A spruce, 9 ins. diam., bears N. 31° E., 23 lks. dist., marked  $\frac{1}{4}$  S 21 B.T.

A spruce, 20 ins. diam., bears S. 28° E., 12 lks. dist., marked  $\frac{1}{4}$  S 28 B.T.

51.00 Trail, bears N. and S.; ascend steep E. slope, entering scattered timber, bears N. and S.

65.00 Limestone ledge, 45 ft. high, bears N. and S.; ascend SE. slope.

77.50 Top of ascent, slopes SE.; thence along S. slope.

80.02 The cor. of secs. 20, 21, 28, and 29, 870 ft. above  $\frac{1}{4}$  sec. cor.

Land, mountainous

Soil, rocky sandy mountain loam; 2nd and 3rd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered deer browse, sagebrush, and service berry; medium growth of weeds and grass.

Good grazing land.

N. 0° 03' W., between secs. 20 and 21.

Ascend steep rocky S. slope, over mountainous land, through scattered timber, and undergrowth.

SUBDIVISION OF T. 18 S., R. 5 E.

Chains

11.50 Rim of Buck Ridge, 250 ft. above sec. cor., bears N.10°E., and S.80°W.; thence over rolling top of ridge.

19.00 Enter dense timber, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S20 | S21

1936

from which

A balsam, 10 ins. diam., bears S. 48°E., 32 lks. dist., marked S 21 B T.

A balsam, 6 ins. diam., bears S.2° 45'W., 54 lks. dist., marked S 20 B T.

44.00 Rim of ridge, bears E. and W.; descend NE. slope.

65.30 Draw, 360 ft. below rim of ridge, course N. 60°E.; ascend SE. slope, entering scattered timber.

80.00 On SE. slope, 130 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 16, 17, 20, and 21, with brass cap marked

T18S | R5E

S17 | S16

S20 | S21

1936

from which

An aspen, 9 ins. diam., bears N.70° 30'E., 502 lks. dist., marked T18SR5ES16BT.

An aspen, 7 ins. diam., bears S.46°30'E., 426 lks. dist., marked T18SR5ES21BT.

An aspen, 10 ins. diam., bears N.18° 30'W., 238 lks. dist., marked T18SR5ES17 BT.

No suitable bearing tree available in sec. 20. Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

Land, mountainous; E. exposure.

Soil, rocky mountain loam; 2nd to 3rd rate.

Timber, medium dense spruce, balsam, Douglas fir, and scattered aspen on portion of mile, and scattered on portion.

Undergrowth, scattered service berry, sagebrush, and deer browse; medium growth of weeds and grass.

Good grazing land.

N. 89° 57' E., on random line between secs. 16 and 21.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect N. and S. line, 21 lks. N. of true point for. cor. of secs. 15, 16, 21, and 22.

Thence

Chains	
	N. 82° 54' W., on true line between secs. 16 and 21. Ascend gradually over broken E. slope, over mountainous land, through dense fir and spruce, and scattered aspen timber, and scattered undergrowth.
16.00	Enter grass meadow, bears NW. and SE.
20.10	Stream of clear water, 1 lk. wide, course N. 80° E.; dense willow along stream.
34.10	Trail, bears NW. and SE.
40.03	On E. slope, 325 ft. above sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;">           S 16  <math>\frac{1}{4}</math>            S 21         </div> 1936 from which A balsam, 6 ins. diam., bears N. 26° 45' E., 119 lks. dist., marked $\frac{1}{4}$ S 16 B T. A balsam, 8 ins. diam., bears S. 21° 45' W., 148 lks. dist., marked $\frac{1}{4}$ S 21 B T.
44.00	Ascend abrupt E. slope, bears N. and S.
51.00	Top of abrupt ascent, 360 ft. above $\frac{1}{4}$ sec. cor., slopes NE.; descend NW. slope
53.90	Stream of clear water, 3 lks. wide, in draw, 30 ft. below top of ascent, course NE.; ascend rocky E. slope; leave timber, bears N. and S.
60.00	Top of abrupt ascent, bears N. and S.; ascend over gentle SE. slope, entering dense aspen timber, bears N. and S.
72.00	Enter scattered timber, bears NW. and SE.
80.06	The cor. of secs. 16, 17, 20, and 21, 360 ft. above draw. Land, mountainous; E. and SE. exposure. Soil, rocky, mountain loam; 2nd to 3rd rate. Timber, balsam, Douglas fir, spruce, and aspen. Undergrowth, scattered deer browse, sagebrush, and service berry; medium growth of weeds and grass. Good grazing land.
	N. 0° 03' W., between secs. 16 and 17. Ascend gentle SE. slope, over mountainous land, through scattered aspen timber, and scattered undergrowth.
9.00	Rim of draw, 50 ft. above sec. cor., bears E. and W.; thence over rolling top of spur.
17.00	Enter dense fir and spruce, and scattered aspen timber, bears NW. and SE.
19.00	Descend over gentle N. slope of spur, bears E. and W.
28.00	Leave timber, bears NE. and SW.



## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

36.00 Enter dense aspen, and scattered spruce and fir timber, bears E. and W.

39.50 Rim of spur, bears NW. and SE.; descend abrupt NE. slope, entering scattered spruce, and fir timber.

40.00 On abrupt NE. slope, 25 ft. below rim of spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S17 | S16

1936

from which

A balsam, 8 ins. diam., bears N.  $46^{\circ}30'E.$ , 22 lks. dist., marked  $\frac{1}{4}$  S 16-B T.

A spruce, 6 ins. diam., bears N.  $15^{\circ}W.$ , 45 lks. dist., marked  $\frac{1}{4}$  S 17-B T.

44.00 Enter dense spruce and fir, and scattered aspen timber, bears E. and W.

47.50 Small stream of clear water, 2 lks. wide, course NE.

64.00 Leave timber, bears NW. and SE.

65.30 Big Bear Creek, a stream of clear water, 15 lks. wide, in canyon, 680 ft. below  $\frac{1}{4}$  sec. cor., course S.  $75^{\circ}E.$ ; ascend S. slope, entering scattered timber.

70.50 Trail, bears N.  $75^{\circ}W.$ , and S.  $75^{\circ}E.$

80.00 On S. slope, 320 ft. above creek.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in mound of stone to top, for cor. of secs. 8, 9, 16, and 17, with brass cap marked

T18S | R5E  
S 8 | S 9  
S17 | S16

1936

from which

A limber pine, 10 ins. diam., bears N.  $77^{\circ}E.$ , 170 lks. dist., marked T18SR5ES9BT.

A limber pine, 12 ins. diam., bears S.  $72^{\circ}15'E.$ , 95 lks. dist., marked T18SR5ES16BT.

An aspen, 6 ins. diam., bears S.  $73^{\circ}45'W.$ , 53 lks. dist., marked T18SR5ES17BT.

An aspen, 10 ins. diam., bears N.  $38^{\circ}W.$ , 42 lks. dist., marked T18SR5ES8BT.

Land, mountainous.

Soil, rocky mountain loam; 2nd to 3rd rate.

Timber, spruce, Douglas fir, balsam; and aspen; few limber pine.

Undergrowth, scattered sagebrush, service berry, and deer browse; medium growth of weeds and grass.

Good grazing land.

# SUBDIVISION OF T. 18 S., R. 5 E.,

Chains

S. 89° 54' E., on random line between secs. 9 and 16.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.96 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 9, 10, 15, and 16.

Thence

N. 89° 48' W., on true line between secs. 9 and 16.

Over rolling top of Wagon Road Ridge, through medium growth of weeds and grass.

10.00 Old road, bears NW. and SE.

19.60 Old road, bears NW. and SE.

24.00 Rim of ridge, bears NW. and SE.; abrupt descent over rocky SW. slope, entering medium dense timber.

30.00 Foot of abrupt descent; thence descend along steep rocky S. slope, entering scattered timber, bears NW. and SE.

39.98 On steep S. slope, 270 ft. below rim of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S\ 9}{S\ 16}$

1936

from which

A limber pine, 12 ins. diam.; bears S. 15° 15' E.; 80 lks. dist., marked  $\frac{1}{4}$  S 16 B T.

A limber pine, 10 ins. diam., bears N. 78° W., 63 lks. dist., marked  $\frac{1}{4}$  S 9 B T.

41.00 Enter dense timber, bears NW. and SE.

54.00 Enter scattered timber, bears NW. and SE.

79.96 The cor. of secs. 8, 9, 16, and 17, 500 ft. below  $\frac{1}{4}$  sec. cor.

Land, mountainous.

Soil, rocky, clay loam; 3rd rate.

Timber, balsam, Douglas fir, spruce, and scattered aspen and limber pine.

Undergrowth, scattered sagebrush, service berry, and deer browse; medium growth of weeds and grass.

Good grazing land.

N. 0° 03' W., between secs. 8 and 9.

Ascend steep rocky S. slope, over mountainous land, through scattered spruce, fir, and aspen timber, and scattered undergrowth.

14.00 Top of steep slope, bears E. and W.; continue ascent over gentle S. slope.

18.50 Ascend abrupt S. slope, bears N. 70° W., and S. 70° E.

SUBDIVISION OF T. 18 S., R. 5 E.

Chains	
21.00	Rim of Wagon Road Ridge, 710 ft. above sec. cor., bears N. 70°W., and S. 70°E.; descend gradually over gentle N. slope, over rolling top of mountain; entering very scattered timber.
23.90	Old road, bears N. 70°W., and S. 70°E.
40.00	On gentle N. slope on rolling top of ridge, 130 ft. below rim.  Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  <div><div><div><math>\frac{1}{4}</math></div><div>S 8</div></div><div><div>S 9</div><div>1936</div></div></div> from which  A spruce, 10 ins. diam., bears S. 63°15'E., 125 lks. dist., marked $\frac{1}{4}$ S 9 B T.  A balsam, 14 ins. diam., bears S. 85°W., 24 lks. dist., marked $\frac{1}{4}$ S 8 B T.
44.70	Old road, bears E. and W.
58.00	Enter dense aspen timber, bears E. and W.
63.00	Leave timber, bears E. and W.
68.00	Draw, 200 ft. below $\frac{1}{4}$ sec. cor., course N. 60°E.; ascend gentle SE. slope, entering scattered aspen, bears E. and W
80.00	On gentle SE. slope, 75 ft. above draw.  Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8, and 9, with brass cap marked  <div><div><div>T18S</div><div>S 5</div></div><div><div>R5E</div><div>S 4</div></div></div> <div><div>S 8</div><div>S 9</div></div> 1936 from which  An aspen, 6 ins. diam., bears N. 22° 45'E., 125 lks. dist., marked T18SR5ES4BT.  An aspen, 8 ins. diam., bears S. 20°45'E., 164 lks. dist., marked T18SR5ES9BT.  An aspen, 8 ins. diam., bears S. 66° 15'W., 160 lks. dist., marked T18SR5ES8BT.  An aspen, 6 ins. diam., bears N. 34°15'W., 155 lks. dist., marked T18SR5ES5BT.  Land, mountainous; steep slopes and rolling top of mountain. Soil, rocky clay loam on slopes, and rocky mountain loam on top of ridge; 2nd to 3rd rate. Timber, aspen, spruce, Douglas fir, and balsam. Undergrowth, scattered sagebrush, service berry, and deer browse on slopes; medium growth of weeds and grass on top of ridge; good grazing land.

Chains	
	S. 89° 48'E., on random line between secs. 4 and 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line, 26 lks. S. of the cor. of secs. 3, 4, 9, and 10.
	Thence
	N. 89° 59'W., on true line between secs. 4 and 9.
	Ascend NE. slope, over mountainous land, through dense spruce and fir, and scattered aspen timber, and scattered undergrowth.
4.50	Top of ascent, 70 ft. above sec. cor., slopes N.; descend rocky NW. slope.
10.20	Stream of clear water, 2 lks. wide, in draw, 150 ft. below top of ascent, course N.; ascend NE. slope.
20.00	Enter scattered timber, bears N. and S.
29.00	Top of ascent, 310 ft. above draw, slopes N.; descend gentle NW. slope.
40.01	On NW. slope, 275 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 4
	S 9
	1936 from which
	A spruce, 8 ins. diam., bears S. 26° W., 62 lks. dist., marked $\frac{1}{4}$ S 9 B T.
	A spruce, 9 ins. diam., bears N. 29° 45'W., 58 lks. dist., marked $\frac{1}{4}$ S 4 B T.
42.10	Stream of clear water, 3 lks. wide, in draw, 100 ft. below $\frac{1}{4}$ sec. cor., course NW.; ascend NE. slope, entering dense timber.
54.00	Top of ascent, 100 ft. above draw, slopes N.; descend NW. slope.
59.20	Stream of clear water, 3 lks. wide, in draw, course N. 20° E., ascend E. slope.
60.10	Trail, bears N. 30° E., and S. 30° W.
67.00	Rim of Wagon Road Ridge, 330 ft. above draw, bears N. and S.; ascend over gentle SE. slope.
70.00	Enter scattered timber, bears N. and S.
80.02	The cor. of secs. 4, 5, 8, and 9, 120 ft. above rim of ridge.
	Land, mountainous; N. exposure.
	Soil, rocky mountain loam; 3rd rate.
	Timber, spruce, Douglas fir, balsam, and aspen.
	Undergrowth, scattered sagebrush, service berry, and deer browse; medium growth of weeds and grass.
	Good grazing land.

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## Chains

- N.  $0^{\circ} 03' W.$ , between secs. 4 and 5.
- Ascend gentle SE. slope, over mountainous land, through scattered aspen timber, and scattered undergrowth.
- 1.20 Rim of Wagon Road Ridge, 5 ft. above sec. cor., bears E. and W.; abrupt descent over N. slope, entering dense fir and spruce, and scattered aspen timber, bears E. and W.
- 20.00 Foot of abrupt descent, 775 ft. below rim of mountain, bears E. and W.; continue descend over rolling N. slope.
- 35.40 Trail, bears NE. and SW.
- 40.00 On gentle N. slope, 1000 ft. below sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\begin{array}{c} 1 \\ \downarrow \\ S \ 5 \mid S \ 4 \\ 1936 \end{array}$$
- from which
- A spruce, 8 ins. diam., bears N.  $29^{\circ} 45' E.$ , 46 lks. dist., marked  $\frac{3}{4}$  S 4 B T.
- A spruce, 12 ins. diam., bears S.  $78^{\circ} 15' W.$ , 29 lks. dist., marked  $\frac{1}{4}$  S 5 B T.
- 41.30 Enter grass meadow, leaving timber, bears E. and W.
- 41.50 Stream of clear water, 3 lks. wide, course N.  $80^{\circ} E.$
- 45.00 Descend N. slope.
- 47.00 Enter dense spruce, fir, and scattered aspen timber, bears E. and W.
- 77.50 Stream of water, 3 lks. wide, in draw; 420 ft. below  $\frac{1}{4}$  sec. cor., course N.  $60^{\circ} E.$ ; ascend.
- 79.00 Top of ascent, 20 ft. above draw, slopes NE.; descend N. slope.
- 80.00 On N. slope, 10 ft. below top of ascent.
- Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. of lots 4 and 5, sec. 4, and lots 1 and 8, sec. 5, with brass cap marked
- $$\begin{array}{c} S5 \ \frac{1}{8} \mid \frac{4}{5} \ S4 \\ 1936 \end{array}$$
- from which
- A spruce, 6 ins. diam., bears N.  $43^{\circ} 45' E.$ , 24 lks. dist., marked  $\frac{4}{8}$  S 4 B T.
- A spruce, 8 ins. diam., bears S.  $47^{\circ} 45' E.$ , 47 lks. dist., marked  $\frac{5}{8}$  S 4 B T.
- A spruce, 5 ins. diam., bears S.  $30^{\circ} 45' W.$ , 34 lks. dist., marked  $\frac{8}{8}$  S 5 B T.
- An aspen, 6 ins. diam., bears N.  $41^{\circ} 30' W.$ , 67 lks. dist., marked  $\frac{1}{8}$  S 5 B T.

## Chains

92.30 Seely Creek, a stream of clear water, 15 lks. wide, in canyon, 90 ft. below lot cor., course E.; ascend S. slope

96.02 Intersect N. bdy. of Tp., E., 4.33 chs. dist. from the cor. of secs. 32 and 33, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 4 and 5, with brass cap marked.

T17SR5E  
S. 33  
S 5 | S 4  
T18S | R5E  
CC

1936

from which

A spruce, 12 ins. diam., bears S. 46° 45'E., 42 lks. dist., marked T18SR5ES4CCBT.

A spruce, 10 ins. diam., bears S. 33° W., 9 lks. dist., marked T18SR5ES5CCBT.

Land, mountainous; N. exposure.

Soil, rocky mountain loam; 2nd to 3rd rate.

Timber, spruce, Douglas fir, balsam, and scattered aspen.

Undergrowth, scattered sagebrush, service berry, and deer browse; medium growth of weeds and grass.

Good grazing land.

From the cor. of secs. 5, 6, 31, and 32, on S. bdy. of Tp., which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official records.

N. 0° 03'W., between secs. 31 and 32.

Descend steep N. slope, over mountainous land, through dense spruce, fir and scattered aspen timber, and scattered undergrowth.

1.00 Leave timber, bears NW. and SE.

4.75 Cove Creek, a stream of clear water, 20 lks. wide, in canyon, 50 ft. below sec. cor., course SE.; ascend steep S. slope, entering scattered juniper and aspen timber, bears NW. and SE., and medium dense undergrowth of oak, sagebrush, and service berry.

40.00 On S. slope, 850 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S. 31 | S32

1936

from which

A juniper, 10 ins. diam., bears S. 69° 45'E., 48 lks. dist., marked  $\frac{1}{4}$  S 32 B T.

A spruce, 18 ins. diam., bears S. 25° 45'W., 38 lks. dist., marked  $\frac{1}{4}$  S 31 B T.

SUBDIVISION OF T. 18 S., R. 5 E.

Chains													
43.00	Top of abrupt ascent, bears NW. and SE.; continue ascent over SW. slope.												
65.00	Trail, bears S. 80°E., and N.80°W.												
70.00	Enter medium dense aspen, spruce, and fir timber, bears E. and W.												
80.00	On gentle SW. slope, 375 ft. above $\frac{1}{4}$ sec. cor.  Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31, and 32, with brass cap marked  <table><tr><td>T18S</td><td>R5E</td></tr><tr><td>S30</td><td>S29</td></tr><tr><td>S31</td><td>S32</td></tr></table> 1936 from which  A balsam, 6 ins. diam., bears N.32° 15'E., 84 lks. dist., marked T18SR5ES29BT.  A balsam, 7 ins. diam., bears S.36° 45'E., 24 lks. dist., marked T18SR5ES32BT.  A spruce, 14 ins. diam., bears S.78° 30'W., 57 lks. dist., marked T18SR5ES31 BT.  A spruce, 8 ins. diam., bears N.72° 45'W., 32 lks. dist., marked T18SR5ES30BT.  Land, mountainous. Soil, rocky. gravelly loam; 2nd to 3rd rate. Timber, aspen, spruce, Douglas fir, balsam, and a few scattered juniper. Undergrowth, sagebrush, oak, service berry, and deer browse; medium growth of weeds and grass. Good grazing land.  <hr/> East, on random line between secs. 29 and 32.  40.00 Set temp. $\frac{1}{4}$ sec. cor..  80.14 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 28, 29, 32, and 33.  Thence  N. 89° 59' W., on true line between secs. 29 and 32.  Ascend E. slope, over mountainous land, through medium dense spruce, fir, and scattered aspen timber, and medium dense undergrowth.  21.00 Ascend abrupt E. slope.  34.00 Rocky spur, on point of Trail Ridge, 540 ft. above sec. cor., projects S. 60°E.; descend along S. slope.  40.07 On S. slope, 80 ft. below spur.  Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  <table><tr><td><math>\frac{1}{4}</math></td><td>S 29</td></tr><tr><td></td><td>S 32</td></tr><tr><td></td><td>1936</td></tr></table>	T18S	R5E	S30	S29	S31	S32	$\frac{1}{4}$	S 29		S 32		1936
T18S	R5E												
S30	S29												
S31	S32												
$\frac{1}{4}$	S 29												
	S 32												
	1936												

Chains		anted
	<p>... from which</p> <p>A balsam, 10 ins. diam., bears N. 10° E., 50 lks. dist., marked <math>\frac{1}{4}</math> S 29 B T.</p> <p>A spruce, 7 ins. diam., bears S. 54° E., 145 lks. dist., marked <math>\frac{1}{4}</math> S 32 B T.</p>	
52.00	Enter scattered timber, and dense sagebrush, bears N. and S.	
65.00	Enter medium dense aspen, and scattered spruce, and fir timber, bears N. and S.	
75.00	Descend gentle SW. slope.	
80.14	The cor. of secs. 29, 30, 31, and 32, 450 ft. below $\frac{1}{4}$ sec. cor.	
	<p>Land, mountainous; SE. exposure.</p> <p>Soil, rocky mountain loam; 2nd to 3rd rate.</p> <p>Timber, aspen, spruce, Douglas fir, balsam.</p> <p>Undergrowth, sagebrush, and scattered service berry, and deer browse; medium growth of weeds and grass.</p> <p>Good grazing land.</p>	
	<p>West, between secs. 30 and 31.</p> <p>Descend gradually along S. slope, over mountainous land, through medium dense aspen, and scattered spruce and fir timber, and scattered undergrowth.</p>	
40.00	On S. slope, 130 ft. below sec. cor.	
	<p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4}</math> S 30</p> <p style="text-align: center;">S 31</p>	
	<p>1936 from which</p> <p>An aspen, 6 ins. diam., bears N. 26° E., 34 lks. dist., marked <math>\frac{1}{4}</math> S 30 B T.</p> <p>A balsam, 8 ins. diam., bears S. 16° 45' W., 71 lks. dist., marked <math>\frac{1}{4}</math> S 31 B T.</p>	
46.20	Trail, bears NW. and SE.	
72.60	Small draw, 230 ft. below $\frac{1}{4}$ sec. cor., course S.; ascend	
75.00	Top of ascent, 35 ft. above draw, slopes S.; descend along S. slope.	
82.19	On S. slope, 300 ft. below $\frac{1}{4}$ sec. cor.	
	<p>Intersect W. bdy. of Tp., S., 4.87 chs. dist., from <math>\frac{1}{4}</math> sec. cor. of sec. 25, hereinafter described.</p> <p>At point of intersection.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 30 and 31, with brass cap marked</p>	



## SUBDIVISION OF T. 18 S., R. 5 E.

Chains

	T18S	
T18S	S 30	
R4E		CC
S25	S 31	
	R5E	

1936

from which

An aspen, 7 ins. diam., bears N. 55° 30' E., 31 lks. dist., marked T18SR5ES30CCBT

An aspen, 8 ins. diam., bears S. 67° E., 34 lks. dist., marked T18SR5ES31CCBT.

Land, mountainous; S. exposure  
Soil, rocky mountain loam; 2nd rate.  
Timber, aspen, and scattered spruce, balsam, Douglas fir.  
Undergrowth, scattered sagebrush, service berry, and deer browse; medium growth of weeds and grass.  
Good grazing land.

From the cor. of secs. 29, 30, 31, and 32.

N. 0° 03' W., between secs. 29 and 30.

Ascend S. slope, over mountainous land, through medium dense aspen, and scattered spruce, and fir timber, and scattered undergrowth.

18.00 Enter scattered timber, bears E. and W.

26.80 Trail Ridge, 825 ft. above sec. cor., bears S. 60° E., and N. 60° W.; descend NE. slope.

38.20 Draw, heads about 10 chs. W., and drains E.; 70 ft. below ridge; ascend gentle SE. slope.

40.00 On SE. slope, 10 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

	$\frac{1}{4}$	
S30		S29

1936

from which

An aspen, 7 ins. diam., bears N. 7° E., 34 lks. dist., marked  $\frac{1}{4}$  S 29 B T.

An aspen, 8 ins. diam., bears S. 45° W., 53 lks. dist., marked  $\frac{1}{4}$  S 30 B T.

60.00 Top of ascent, 120 ft. above  $\frac{1}{4}$  sec. cor., slopes E.; descend gentle NE. slope.

70.00 Enter dense aspen, fir, and spruce timber, bears E. and W.

80.00 On gentle NE. slope, 130 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 20, 29, and 30, with brass cap marked

T18S	R5E
S19	S20
S30	S29

1936

## Chains

from which

A spruce, 20 ins. diam., bears N. 36° E., 91 lks. dist., marked T18SR5ES20BT.

A spruce, 6 ins. diam., bears S. 61° E., 12 lks. dist., marked T18SR5ES29BT.

A spruce, 8 ins. diam., bears S. 53° W., 28 lks. dist., marked T18SR5ES30BT.

A spruce, 16 ins. diam., bears N. 35° W., 47 lks. dist., marked T18SR5ES19BT.

Land, mountainous; E. exposure and drainage.

Soil, rocky mountain loam; 2nd rate.

Timber, aspen, spruce, Douglas fir, and balsam.

Undergrowth, scattered sagebrush, service berry, and deer browse; medium growth of weeds and grass.

Good grazing land.

S. 89° 59'E., on random line between secs. 20 and 29.

49.00 Set temp. 1/2 sec. cor.

60.26 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 20, 21, 28, and 29.

Thence

N. 89° 57'W., on true line between secs. 20 and 29.

Ascend SE. slope, over mountainous land, through medium dense aspen, and scattered spruce, and fir timber, and scattered undergrowth.

61.00 Rim of Buck Ridge, 110 ft. above sec. cor., bears N. 30° E., and S. 30° W.; thence over rolling top.

13.00 Rim of Buck Ridge, bears NW. and SE.; descend SW. slope.

29.00 Enter scattered timber, bears N. and S.

37.50 Wash, 15 lks. wide, 15 ft. deep, course SW.

40.13 On SW. slope, 500 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/2 sec. cor., with brass cap marked

1/4 S 20  
1/4 S 29

1936

from which

An aspen, 4 ins. diam., bears S. 6° 45'W., 49 lks. dist., marked 1/4 S 29 B T.

An aspen, 5 ins. diam., bears N. 34° 30'W., 59 lks. dist., marked 1/4 S 20 B T.

50.00 Little Bear Creek, a stream of clear water, 6 lks. wide, in canyon, 220 ft. below 1/2 sec. cor., course SE.; ascend steep NE. slope.

65.00 Top of steep slope; continue ascent of rolling NE. slope, entering medium dense spruce, fir, and scattered aspen,

Chains

bears NW. and SE.; ascend gentle NE. slope.

80.26 The cor. of secs. 19; 20, 29, and 30, 580 ft. above creek.

Land, mountainous; drainage SE.

Soil, rocky, clay loam; 2nd and 3rd rate.

Timber, aspen, spruce, balsam, and Douglas fir.

Undergrowth, scattered sagebrush, service berry, and deer browse; medium growth of weeds and grass.

Good grazing land.

West, between secs. 19 and 30.

Ascend gentle NE. slope, over mountainous land, through medium dense spruce and fir, and scattered aspen timber, and scattered undergrowth.

15.00 Leave timber, entering dense weeds and grass, bears N. and S.; thence along gentle N. slope along N. side of Trail Ridge.

25.00 Enter dense timber; bears N. and S.

40.00 On gentle N. slope, 160 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S 19

S 30

1936

from which

A balsam, 8 ins. diam., bears N. 57° 30' E., 88 lks. dist., marked  $\frac{1}{4}$  S 19 B T.

A balsam, 4 ins. diam., bears S. 50° 45' W., 74 lks. dist., marked  $\frac{1}{4}$  S 30 B T.

41.00 Leave timber, bears N. and S.; descend over gentle N. slope

48.00 Enter timber, bears N. and S.

51.20 Small stream of clear water, 1 lk. wide, course N. 15° W.

64.00 Leave timber, bears N. and S.W.

72.00 Stream of clear water, 3 lks. wide, in draw, 50 ft. below  $\frac{1}{4}$  sec. cor., course N. 60° E.; ascend gentle NE. slope

82.14 Intersect W. bdy. of Tp., S., 4.91 chs. dist. from  $\frac{1}{4}$  sec. cor. of sec. 24, hereinafter described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 19 and 30, with brass cap marked

T18S	T18S
R4E	S 19
S24	S 30 CC
	R5E

1936

from which

A spruce, 10 ins. diam., bears S. 80° 15' E., 461 lks. dist., marked T18SR5ES30CCBT.

## Chains

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high E. of cor.

Land, rolling mountains; N. exposure and drainage.

Soil, rocky mountain loam; 2nd rate.

Timber; spruce, balsam, Douglas fir, and aspen on portion of mile.

Undergrowth, scattered sagebrush and service berry; medium growth of weeds and grass.

Good grazing land.

From the cor. of secs. 19, 20, 29, and 30.

N.  $0^{\circ} 03' W.$ , between secs. 19 and 20.

Descend gentle NE. slope, over mountainous land, through medium dense spruce, fir, and scattered aspen timber, and undergrowth of sagebrush, service berry, and deer browse.

5.60 Rim of ridge, bears E. and W.; descend abruptly over NE. slope.

14.30 Small stream of clear water, 1 lk. wide, course NE.

17.10 Little Bear Creek, a stream of clear water, 7 lks. wide, in canyon, 430 ft. below sec. cor., course  $S. 70^{\circ} E.$ ; ascend steep S. slope.

20.00 Leave timber, bears E. and W.

33.00 Enter scattered aspen timber.

40.00 On S. slope, 550 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S19 | S20  
 1936

from which

An aspen, 4 ins. diam., bears  $S. 52^{\circ} 30' E.$ , 70 lks. dist., marked  $\frac{1}{4}$  S 20 B T.

An aspen, 6 ins. diam., bears  $N. 67^{\circ} 15' W.$ , 65 lks. dist., marked  $\frac{1}{4}$  S 19 B T.

55.40 Rim of Buck Ridge, 180 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.; thence over rolling top of ridge.

69.10 Old road, bears E. and W.

73.00 Rim of Buck Ridge, bears  $N. 70^{\circ} W.$ , and  $S. 70^{\circ} E.$ ; descend N. slope, entering scattered spruce and pine timber.

80.00 On N. slope, 110 ft. below rim of ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and in mound of stone to top, for cor. of secs. 17, 18, 19, and 20, with brass cap marked

## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

T18S	R5E
S18	S17
S19	S20

1936

from which

A spruce, 8 ins. diam., bears N.17° 30'E., 72 lks. dist., marked T18SR5ES17BT.

A spruce, 12 ins. diam., bears S.22° 15'E., 174 lks. dist., marked T18SR5ES20BT.

A spruce, 10 ins. diam., bears S.43° 45'W., 315 lks. dist., marked T18SR5ES19BT.

A spruce, 20 ins. diam., bears N.18° 30'W., 119 lks. dist., marked T18SR5ES18BT.

Land, mountainous.

Soil, rocky heavy clay loam; 2nd to 3rd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered sagebrush, service berry, and deer browse; medium growth of weeds and grass.

Good grazing land.

S. 89° 57' E., on random line between secs. 17 and 20.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.28 Intersect N. and S. line, 21 lks. S. of the cor. of secs. 16, 17, 20, and 21.

Thence

S. 89° 54'W., on true line between secs. 17 and 20.

Ascend SE. slope, over mountainous land, through scattered aspen timber, and scattered undergrowth.

22.00 Rim of spur, 200 ft. above sec. cor.; projects NE. from Buck Ridge, thence over rolling top of spur.

24.00 Enter medium densespruce, and fir timber, bears N. and S.

26.00 Enter very scattered timber, bears N. and S.

40.14 Set an iron post, 3 ft. long,  $\frac{1}{4}$  in. diam., 18 ins. in the ground to solid rock and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$ S 17
S 20

1936

from which

A spruce, 6 ins. diam., bears N. 29° 30'E., 351 lks. dist., marked  $\frac{1}{4}$  S 17 B T.

A balsam, 14 ins. diam., bears S. 64° 45'W., 332 lks. dist., marked  $\frac{1}{4}$  S 20 B T.

49.00 Enter dense spruce and fir timber, bears NE. and SW.

67.00 Enter scattered timber, bears N. and S.;

70.00 Edge of spur, bears NE. and SW.; descend over gentle N. slope.

## Chains

entered

80.28 The cor. of secs. 17, 18, 19, and 20.

Land, mountainous.

Soil, rocky, heavy, clay loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered sagebrush, service berry, and

deer browse; medium growth of weeds and grass.

Good grazing land.

West, between secs. 18 and 19.

Descend gentle NW. slope, over mountainous land, through scattered spruce, and fir timber, and scattered undergrowth.

6.00 Enter dense spruce, and fir timber, bears NW. and SE.

10.10 Small stream of clear water, 1 lk. wide, in draw, 20 ft. below sec. cor., course NE.; ascend gentle NE. slope.

11.00 Leave timber, bears NE. and SW.

25.50 Old road, bears NW. and SE.

40.00 On gentle NE. slope, 240 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\begin{array}{l} \frac{1}{4} \text{ S } 18^{\circ} \\ \frac{1}{4} \text{ S } 19^{\circ} \end{array}$$

1936

from which

A spruce, 8 ins. diam., bears N.  $14^{\circ} 30' E.$ , 448 lks. dist., marked  $\frac{1}{4} \text{ S } 18 \text{ B T.}$ 

No other available bearing trees. Raise a mound of stone, 3 ft. base, 3 ft. high N. of cor.

43.20 Top of Buck Ridge, 15 ft. above  $\frac{1}{4}$  sec. cor., bears NE. and SW.; thence over rolling top of ridge.

73.00 Rim of ridge, bears NW. and SE., descend SW. slope.

76.00 Enter scattered spruce and fir timber, bears NW. and SE.

82.06 On SW. slope, 150 ft. below ridge.

Intersect W. bdy. of Tp., S., 4.43 chs. dist., from the  $\frac{1}{4}$  sec. cor. of sec. 13, hereinafter described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 18 and 19, with brass cap marked

$$\begin{array}{l} \text{S } 18^{\circ} \\ \text{S } 19^{\circ} \\ \text{S } 18^{\circ} \\ \text{S } 19^{\circ} \end{array}$$

1936

from which

## SUBDIVISION OF T. 18 S., R. 5 E.

## Chains

A limber pine, 10 ins. diam., bears N. 84° 15' E., 154 lks. dist., marked T18SR5ES18CCBT.

A limber pine, 10 ins. diam., bears S. 89° E., 125 lks. dist., marked T18SR5ES19CCBT.

Land, rolling mountain top.

Soil, rocky heavy clay loam; 2nd rate.

Timber, spruce, Douglas fir, balsam, aspen and a few scattered limber pine, on portions of mile.

Undergrowth, scattered sagebrush and deer browse; medium growth of weeds and grass. Good grazing land.

From the cor. of secs. 17, 18, 19, and 20.

N. 0° 03' W., between secs. 17 and 18.

Descend N. slope, over mountainous land, through scattered spruce, fir, and aspen timber, and scattered undergrowth.

8.40 Draw, 130 ft. below sec. cor., course N. 60° E.; ascend SE. slope.

22.00 Spur, 60 ft. above draw, projects NE.; descend N. slope

27.00 Enter dense spruce, fir, and scattered aspen timber; bears E. and W.

38.50 Small stream of clear water, 2 lks. wide, course NE.

40.00 On N. slope, 310 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S18 | S17  
 1936

from which

A spruce, 18 ins. diam., bears S. 60° 15' E., 92 lks. dist., marked  $\frac{1}{4}$  S 17 B T.

A spruce, 12 ins. diam., bears N. 57° 45' W., 91 lks. dist., marked  $\frac{1}{4}$  S 18 B T.

51.00 Old road, bears E. and W.

51.50 Abrupt descent over N. slope, bears E. and W.

59.20 Big Bear Creek, a stream of clear water, 10 lks. wide, in canyon, 400 ft. below  $\frac{1}{4}$  sec. cor., course S. 80° E.; ascend abrupt S. slope.

67.00 Top of abrupt ascent, bears E. and W.; 235 ft. above creek, continue ascent over rolling S. slope, entering scattered timber.

74.40 Trail, bears E. and W.

80.00 On gentle S. slope, 380 ft. above creek.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, with brass cap marked

Chains

T18S	R5E
S 7	S 8
S18	S17

1936

from which

An aspen, 6 ins. diam., bears N. 56° 45' E., 275 lks. dist., marked T18SR5ES8BT.

A choke cherry, 5 ins. diam., bears S. 59° 15' W.,

81 lks. dist., marked T18SR5ES18BT. No suitable bearing trees available in secs. 7 and 17. Raise a md. of stone

Land, mountainous. 3 ft. base, 2 ft. high, W. of cor.

Soil, heavy clay loam; rocky; 3rd rate.

Timber, spruce, Douglas fir, balsam, and aspen.

Undergrowth, scattered sagebrush, service berry, choke cherry, and deer browse; medium growth of weeds and grass

Good grazing land.

N. 89° 54' E., on random line between secs. 8 and 17.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.26 Intersect the cor. of secs. 8, 9, 16, and 17.

Thence

S. 89° 54' W., on true line between secs 8 and 17.

Ascend slightly along steep S. slope, over mountainous land, through medium dense spruce, fir, and scattered aspen timber, and scattered undergrowth.

12.00 Enter scattered timber, bears NW. and SE.

31.00 Top of ascent, 100 ft. above sec. cor., slopes S.; descend SW. slope, entering medium dense aspen, and a few scattered limber pine, bears N. and S.

40.13 On steep SW. slope, 70 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S 8
	S 17

1936

from which

A limber pine, 14 ins. diam., bears S. 20° E., 20 lks. dist., marked  $\frac{1}{4}$  S 17 B T.

A limber pine, 18 ins. diam., bears N. 42° 30' W., 35 lks. dist., marked  $\frac{1}{4}$  S 8 B T.

41.00 Enter scattered timber, bears N. and S.

41.80 Stream of clear water, 3 lks. wide, in draw, 40 ft. below  $\frac{1}{4}$  sec. cor., course S. 10° E.; ascend E. slope.

48.00 Top of abrupt ascent, 350 ft. above draw, bears N. and S.; ascend along gradual S. slope.

80.26 The cor. of secs. 7, 8, 17, and 18.



## Chains

Land, mountainous  
Soil, rocky mountain loam; 2nd to 3rd rate.  
Timber, spruce, Douglas fir, balsam, aspen and a few scattered limber pine on portions of mile.  
Undergrowth, scattered sagebrush, service berry, choke cherry, and deer browse; medium growth of weeds and grass  
Good grazing land.

West, between secs. 7 and 18.

Ascend gradually along S. slope, over mountainous land, through scattered aspen timber, and medium dense undergrowth of choke cherry.

6.00 Leave choke cherry; enter scattered sagebrush, service berry, and choke cherry, bears N. and S.

10.00 Top of ascent, 50 ft. above sec. cor., slopes S.; descend gradually along S. slope.

40.00 On S. slope, 75 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 7  
—  
S 18

1936

from which

An aspen, 6 ins. diam., bears S. 75° 15' W., 322 lks. dist., marked  $\frac{1}{4}$  S 18 B T.

An aspen, 8 ins. diam., bears N. 72° 30' W., 339 lks. dist., marked  $\frac{1}{4}$  S 7 B T.

78.00 Trail, bears NW. and SE.

79.00 Descend SW. slope.

81.00 Stream of clear water, 5 lks. wide, in draw, 40 ft. below  $\frac{1}{4}$  sec. cor., course SE.; ascend NE. slope.

81.95 Intersect W. bdy. of Tp., S., 5.10 chs. dist. from the  $\frac{1}{4}$  sec. cor. of sec. 12, hereinafter described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. of secs. 7 and 18, with brass cap marked

T18S  
R4E | T18S  
S 7  
— CC  
S12 | S 18  
R5E

1936

raise a mound

of stone, 4 ft. base, 3 ft. high E. of cor.

Land, mountainous; SE. exposure and drainage.  
Soil, rocky mountain loam; 2nd and 3rd rate.  
Timber, scattered aspen.  
Undergrowth, scattered sagebrush. choke cherry, service berry; medium growth of weeds and grass. Good grazing land.

## Chains

From the cor. of secs. 7, 8, 17, and 18.

N.  $0^{\circ} 03' W.$ ; between secs. 7 and 8.

Ascend S. slope, over mountainous land, through scattered spruce, fir, and aspen timber, and scattered undergrowth.

10.50 Spur, 230 ft. above sec. cor., slopes E.; descend NE. slope.

39.40 Stream of clear water, 3 lvs. wide, in draw, 220 ft. below spur, course E.; ascend S. slope.

40.00 On S. slope, 14 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in a mound of stone to top, for  $\frac{1}{2}$  sec. cor., with brass cap marked

S 7 | S 8

1936

from which

An aspen, 5 ins. diam., bears N.  $37^{\circ} E.$ , 26 lks. dist., marked  $\frac{1}{2}$  S 8 B T.

A spruce, 20 ins. diam., bears S.  $82^{\circ} 15' W.$ , 161 lks. dist., marked  $\frac{1}{2}$  S 7 B T.

57.00 Rim of Wagon Road Ridge, 300 ft. above  $\frac{1}{2}$  sec. cor., bears N.  $50^{\circ} W.$ , and S.  $60^{\circ} E.$ ; thence over rolling top of ridge

64.60 Old road, bears NW. and SE.

80.00 On rolling top of ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 5, 6, 7, and 8, with brass cap marked

T18S | R5E  
S 6 | S 5  
S 7 | S 8

1936

from which

A spruce, 6 ins. diam., bears N.  $50^{\circ} 45' E.$ , 301 lks. dist., marked T18SR5E85BT.

A spruce, 12 ins. diam., bears S.  $52^{\circ} 15' E.$ , 152 lks. dist., marked T18SR5E88BT.

An aspen, 8 ins. diam., bears S.  $22^{\circ} 45' W.$ , 198 lks. dist., marked T18SR5E87BT.

A spruce, 6 ins. diam., bears N.  $85^{\circ} 30' W.$ , 402 lks. dist., marked T18SR5E86BT.

Land, mountainous; broken slopes and rolling top of mountain.

Soil, rocky clay loam; 2nd and 3rd rate.

Timber, scattered aspen, spruce, balsam, and Douglas fir.

Undergrowth, scattered sagebrush, choke cherry, service

berry, and deer browse; medium growth of weeds and grass.

Good grazing land.

Surveyed by J. H. ...

...

## Chains

N. 89° 54' E., on random line between secs. 5 and 8.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.30 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 4, 5, 8, and 9.

Thence

S. 89° 55' W., on true line between secs. 5 and 8.

Over rolling top of Wagon Road Ridge, through medium dense aspen and scattered spruce and balsam timber, and scattered undergrowth.

40.15 On gentle NE. slope of Wagon Road Ridge, 275 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock, and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \frac{S \ 5}{S \ 8} \end{array}$$

1936

from which

An aspen, 6 ins. diam., bears S. 15° E., 36 lks. dist., marked  $\frac{1}{4}$  S 8 B T.

A spruce, 12 ins. diam., bears N. 76° W., 125 lks. dist., marked  $\frac{1}{4}$  S 5 B T.

43.00 Descend gradually over rolling N. slope on ridge.

58.00 Head of small draw, course N. 10° E.; 90 ft. below  $\frac{1}{4}$  sec. cor., ascend over rolling NE. slope.

60.00 Top of ascent, bears N. and S.; thence over rolling top of ridge; entering scattered timber, bears N. and S.

80.30 The cor. of secs. 5, 6, 7, and 8.

Land, rolling top of mountain; N. exposure.  
Soil, rocky heavy, clay loam; 2nd to 3rd rate.  
Timber, aspen and scattered spruce and balsam.  
Undergrowth, scattered sagebrush and choke cherry; medium growth of weeds and grass. Good grazing land.

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West, between secs. 6 and 7.

Over rolling top of Wagon Road Ridge, through scattered spruce, balsam, and aspen timber, and medium growth of weeds and grass.

20.00 Descend gentle SW. slope, bears NW. and SE.

27.40 Old road, bears N. and S. 30° E.

40.00 On gentle SW. slope, 50 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

## Chains

- $\frac{1}{4}$  S 6  
 $\frac{1}{4}$  S 7
- 1936 from which
- A spruce, 12 ins. diam., bears S.19° 15' W., 158 lks. dist., marked  $\frac{1}{4}$  S 7 B T.
- A spruce, 20 ins. diam., bears N. 18° W., 449 lks. dist., marked  $\frac{1}{4}$  S 6 B T.
- 43.20 Old road, bears NE. and SW.
- 44.80 Head of draw, 10 ft. below  $\frac{1}{4}$  sec. cor., course SE.; ascend gentle SE. slope.
- 67.00 Top of ridge, 130 ft. above draw, bears NE. and SW.; thence over rolling top of ridge, entering medium dense spruce and balsam timber,
- 81.60 Intersect W. bdy. of Tp., S., 5.24 chs. dist., from the  $\frac{1}{4}$  sec. cor. of sec. 1, hereinafter described.
- At point of intersection
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 6 and 7, with brass cap marked
- |      |      |    |
|------|------|----|
| T18S | T18S |    |
| R4E  | S 6  | CC |
| S1   | S 7  |    |
|      | R5E  |    |
- 1936 from which
- A spruce, 12 ins. diam., bears N.50° 15' E., 35 lks. dist., marked T18SR5ES6CCBT.
- A spruce, 6 ins. diam., bears S.37° 45' E., 43 lks. dist., marked T18SR5ES7CCBT.
- Land, rolling top of mountain.  
 Soil, rocky heavy clay loam; 2nd to 3rd rate.  
 Timber, spruce and balsam, from scattered to medium growth  
 Undergrowth, scattered sagebrush; medium growth of weeds and grass. Good grazing land.
- 
- From the cor. of secs. 5, 6, 7, and 8.
- N. 0° 03' W., between secs. 5 and 6.
- Descend gentle N. slope over rolling top of Wagon Road Ridge, through scattered spruce, balsam, and aspen timber, and scattered undergrowth.
- 16.10 Head of draw, 100 ft. below sec. cor., course N.70° E.; ascend gentle SE. slope.
- 23.00 Top of ascent, 60 ft. above draw, bears E. and W.; thence over rolling top of mountain.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

## Chains

$$\begin{array}{c} \frac{1}{4} \\ | \\ S\ 6\ | S\ 5 \end{array}$$

1936

from which

A spruce, 20 ins. diam., bears N.79° 45'E., 263 lks.  
dist., marked  $\frac{1}{4}$  S 5 B T.

A spruce, 16 ins. diam., bears S.56° 45'W., 298 lks.  
dist., marked  $\frac{1}{4}$  S 6 B T.

43.00 Enter dense timber of spruce and fir, bears NE. and SW.

45.50 Rim of Wagon Road Ridge, bears E. and W.; descend abrupt N. slope

77.00 Foot of abrupt descent, 950 ft. below rim of ridge, bears E. and W.; continue descent over N. slope, entering scattered spruce, fir, and aspen timber.

80.00 On gentle N. slope, 970 ft. below rim of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 4 and 5, sec. 5, and lots 1 and 8, sec. 6, with brass cap marked

$$S6\ \frac{1\ \frac{1}{2}}{8}\ \frac{4}{5}\ S5$$

1936

from which

A balsam, 8 ins. diam., bears N.39° 30'E., 15 lks.  
dist., marked 4 S 5 B T.

A balsam, 6 ins. diam., bears S.64° 30'E., 56 lks.  
dist., marked 5 S 5, B T.

A balsam, 10 ins. diam., bears S.40° 30'W., 21 lks.  
dist., marked 8 S 6 B T.

A balsam, 9 ins. diam., bears N.19° 30'W., 8 lks.  
dist., marked 1 S 6 B T.

90.10 Old road, bears E. and W.

90.70 Stream of clear water 6 lks. wide, in canyon, 190 ft. below lot cor., course N. 30°E.; ascend S. slope.

94.00 Top of ascent, 40 ft. above canyon, slopes NE.; descend over gentle NE. slope.

96.32 Intersect N. bdy. of Tp., R., 3.95 chs. dist., from the cor. of secs. 31 and 32, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, and in mound of stone to top, for closing cor. of secs. 5 and 6, with brass cap marked

T17SR5E

S32

$$\begin{array}{c} S\ 6\ | S\ 5 \\ T18S\ | R5E \end{array}$$

CC

1936

from which

A balsam, 12 ins. diam., bears S.17° 30'E., 81 lks.

Chairs

dist., marked T18SR5ES5CCBT.

A balsam, 8 ins. diam., bears S.10° 15'W., 181 lks.  
dist., marked T18SR5ES6CCBT.

Land, rolling mountain top, and steep slopes.  
Soil, rocky mountain loam; 2nd to 3rd. rate.  
Timber, spruce, balsam, Douglas fir, and aspen.  
Undergrowth, scattered sagebrush, service berry, and deer  
browse; medium growth of weeds and grass.  
Good grazing land.

#### INTERMIT RESURVEY OF W. BDY. OF T. 18 S., R. 5 E.

Resurvey of west boundary of T.18 S., R.5 E., supplementing the survey by Howard W. Miller, U.S. Surveyor, in 1913.

This resurvey was made to establish 1/4 sec. cors. between closing corners, referring to this township. A new record of distances of lines found in error is reported, and the missing cor. of secs. 24 and 25 was restored by single proportionate measurement; a new record of topographic features is not reported.

From the closing cor. of Tps. 18 S., Rs. 4 and 5 E., which is an iron post, 4 ins. diam., set, marked and witnessed as described in the official records.

North, along E. bdy. of sec. 36.

5.05 The 1/4 sec. cor. between secs. 31 and 36, which is an iron post, 1 in. diam., set, marked and witnessed as described in the official record.

As this row becomes 1/4 sec. cor. of sec. 36 only, I obliterate the marks on E. half of brass cap. The brass cap is now marked

S36

1913

48.05 Mid-way between the closing cor. of Tps. 18 S., Rs. 4 and 5 E., and the closing cor. of secs. 30 and 31.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for 1/4 sec. cor. of sec. 31 only, with brass cap marked

S31

1936

from which

An aspen, 5 ins. diam., bears N.36° 30'E., 38 lks.  
dist., marked 1/4 S 31 B T.

A spruce, 6 ins. diam., bears S.75° 30'E., 88 lks.  
dist., marked 1/4 S 31 B T.

48.05 The cor. of secs. 25, 30, 31, and 36, which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record.

As this cor. now becomes the cor. for secs. 25 and 36

## Chains

only, I obliterate the marks on E. half of brass cap, and marks on bearing trees in secs. 30 and 31. The brass cap is now marked

T18S	
R4E	R5E
S25	S31
S36	

1913

North, along E. bdy. of sec. 25.

35.13 The closing cor. of secs. 30 and 31, heretofore described

40.00 The  $\frac{1}{4}$  sec. cor. between secs. 25 and 30, which is an iron post, 1 in. diam., set, marked, and witnessed as described in the official record.

As this cor. now becomes  $\frac{1}{4}$  sec. cor. of sec. 25 only, I obliterate the marks on E. half of brass cap, and the marks on bearing tree in sec. 30. The brass cap is now marked

$\frac{1}{4}$	
S25	

1913

from which

New bearing tree,

A spruce, 20 ins. diam., bears S. 3°W., 69 lks. dist., marked  $\frac{1}{4}$  S 25 B T.

75.11 Mid-way between the closing cor. of secs. 30 and 31, and the closing cor. of secs. 19 and 30.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 30 only, with brass cap marked

$\frac{1}{4}$	
S30	

1936

from which

A spruce, 20 ins. diam., bears S. 32° E., 115 lks. dist., marked  $\frac{1}{4}$  S 30 B T.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high E. of cor.

80.00 Proportionate distance; no evidence of the sec. cor. found.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 24 and 25 only, with brass cap marked

T18S	
R4E	R5E
S24	S30
S25	

1936

of stone,  $3\frac{1}{2}$  ft. base, 2 ft. high v. of cor. raise a mound

Chains

North, along E. bdy. of sec. 24.

35.00 The closing cor. of secs. 19 and 20, heretofore described

40.00 The 1/2 sec. cor. between secs. 19 and 24, which is an iron post, 1 in. diam., set, marked and witnessed as described in the official records.

As this cor. now becomes 1/2 sec. cor. for sec. 24 only, I destroy the marks on E. half of brass cap. The brass cap is now marked

1/2  
S24

1913

75.00 Mid-way between the closing cor. of secs. 19 and 20, and the closing cor. of secs. 18 and 19.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/2 sec. cor. of sec. 19 only, with brass cap marked

1/2  
S19

1936

from which

A balsam, 12 ins. diam., bears N. 67° E., 18 lks. dist., marked S 19 B T.

A balsam, 10 ins. diam., bears S. 30° E., 34 lks. dist., marked S 19 B T.

84.10 The cor. of secs. 13, 18, 19, and 24, which is an iron post, 3 in. diam., set, marked and witnessed as described in the official records.

As this cor. now becomes cor. of secs. 13 and 24 only, I obliterate the marks on E. half of brass cap, and on bearing trees in secs. 18 and 19. The brass cap is now marked

T188  
R4E R5E  
S13  
S24 S19

1913

North, along E. bdy. of sec. 13.

34.00 The closing cor. of secs. 18 and 19, heretofore described

36.28 The 1/2 sec. cor. between secs. 13 and 18, which is an iron post, 1 in. diam., set, marked, and witnessed as described in the official records.

As this cor. now becomes 1/2 sec. cor. of sec. 13 only, I obliterate the marks on E. half of brass cap. The brass cap is now marked

1/2  
S13

1913

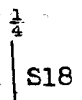


DEPENDENT RESURVEY OF W. BDY. OF T. 18 S., R. 5 E.

Chains

74.85 Mid-way between the closing cor. of secs. 7 and 18, and the closing cor. of secs. 18 and 19.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 18 only, with brass cap marked



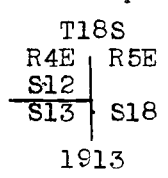
1936 from which

A balsam, 8 ins. diam., bears N. 45° E., 119 lks. dist., marked  $\frac{1}{2}$  S 18 B T.

A balsam, 8 ins. diam., bears S. 39° 30' E., 183 lks. dist., marked  $\frac{1}{4}$  S 18 B T.

79.81 The cor. of secs. 7, 12, 13, and 18, which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records.

As this cor. now becomes cor. of secs. 12 and 13 only, I obliterate the marks on E. half of brass cap. The brass cap is now marked

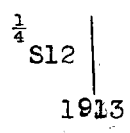


North, along E. bdy. of sec. 12.

35.04 The closing cor. of secs. 7 and 18, heretofore described.

40.14 The  $\frac{1}{4}$  sec. cor. of secs. 7 and 12, which is an iron post, 1 in. diam., set, marked, and witnessed as described in the official records.

As this cor. now becomes the  $\frac{1}{4}$  sec. cor. of sec. 12 only, I obliterate the marks on E. half of brass cap. The brass cap is now marked



74.97 Mid-way between the closing cor. of secs. 6 and 7, and the closing cor. of secs. 7 and 18.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 7 only, with brass cap marked



1936 from which

An aspen, 4 ins. diam., bears N. 83° E., 200 lks. dist., marked  $\frac{1}{4}$  S 7 B T.

An aspen, 6 ins. diam., bears S. 24° E., 119 lks.

Chains

ended

dist., marked  $\frac{1}{4}$  S. 7 B.T. and view-B.T. 21.47

80.14 The cor. of secs. 1, 6, 7, and 12, which is an iron post 3 ins. diam., set, marked, and witnessed as described in the official records.

As this cor. now becomes the cor. of secs. 1 and 12 only I obliterate the marks on E. half of brass cap. The brass cap is now marked

T18S	
R4E	R5E
S 1	S 7
S 12	

1913

North, along E. bdy. of sec. 1

34.76 The closing cor. of secs. 6 and 7, heretofore described.

40.00 The  $\frac{1}{4}$  sec. cor. of secs. 1 and 6, which is an iron post, 1 in. diam., set, marked and witnessed as described in the official records.

As this cor. now becomes  $\frac{1}{4}$  sec. cor. of sec. 1 only, I obliterate the marks on E. half of brass cap, and on bearing tree in sec. 6. The brass cap is now marked

$\frac{1}{4}$	S 1
---------------	-----

1913

from which

New bearing tree,

A spruce, 6 ins. diam., bears N.44°30'W., 57 lks. dist., marked  $\frac{1}{4}$  S 1 B.T.

74.76 Northing of 40.00 chs. from closing cor. of secs. 6 and 7

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 6 only, with brass cap marked

 $\frac{1}{4}$ 

S 6

1936

raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, E. of cor.

83.64 The cor. of Tps. 17 and 18 S., Rs. 4 and 5 E., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records.

As this cor. now becomes cor. of Tps. 17 and 18 S., R. 4 E. only, I obliterate the marks on E. half of brass cap and on bearing tree's marked for sec. 6 and 31. The brass cap is now marked

T17S	
R4E	R5E
S 6	S 6
S 1	

1913

## Chains

North. along E. bdy. of sec. 36, T. 17 S., R. 4 E.

31.12 Northing of 80.00 chs. from closing cor. of secs. 6 and 7.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 4 and 5, sec. 6 only, with brass cap marked

$$\begin{array}{c|c} 4 & \\ \hline 5 & \end{array} S6$$

1936

raise a mound of stone, 3 ft. base, 2 ft. high E. of cor.

40.00 The sec. cor. of sec. 36, heretofore described.

### DEPENDENT RESURVEY OF PORTION OF EAST BLY. OF T. 18 S., R. 5 E.

Resurvey of portion of east boundary, T. 18 S., R. 5 E., supplementing the survey by Howard W. Miller, U.S. Surveyor, in 1916.

This resurvey was made to establish lot cor. between secs. 1 and 6.

From the sec. cor. between secs. 1 and 6, on E. bdy. of tp., which is an iron post, 1 in. diam., set, marked, and witnessed as described in the official records.

North, between secs. 1 and 6.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in mound of stone to top, for cor. of lots 1 and 8, sec. 1, and lots 4 and 5, sec. 6, with brass cap marked

$$S1 \begin{array}{c|c} 1 & 4 \\ \hline 8 & 5 \end{array} S6$$

1936 deposit a sandstone, 4 x 3 x 2 ins., marked X, at base of post.

56.23 The closing cor. of Tps. 18 S., Rs. 5 and 6 E., which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official records.

From this closing cor., the cor. of Tps. 17 S., Rs. 5 and 6 E., heretofore described, bears S. 89° 46' W., 4.21 chs. distance.

### FINAL TESTS OF SOLAR ATTACHMENTS

Aug. 23, 1936, in camp near the sec. cor. between secs. 2 and 11, T. 18 S., R. 4 E., every half hour from 9 to 10-30 a.m., and from 1-30 to 5 p.m., we make proper settings on the arcs of the solar attachments, and ascertain that the resulting orientation of the instruments, when compared with the meridian established by Polaris observations, has a maximum error of less than 1'.

## Chains

1111111111

T. 18 S., R. 5 E., is located within the Manti National Forest, and the land is mountainous in character, varying in elevation above sea level from about 10000 ft. along the top of the ridges and spurs in west portion, to about 7500 ft. in the canyons and the NE. cor. The main drainage of the north tier of secs. is northerly, formed by small draws emptying into Seely Creek, which drains easterly through NE. cor. of sec. 5, through north end of sec. 4, and NW. cor. of sec. 3. The general drainage of the east range of secs. is easterly, formed by small draws and canyons, and of the SW. portion of township, southeasterly formed by Big and Little Bear Creeks, and Cove Creek. The drainage of Big Bear Creek and Seely Creek is separated by a ridge, known as Wagon Road Ridge, with wide, open, rolling top about 10000 ft. above sea level, extending southeasterly through secs. 6, 7, 8, 9, 10, 15, 22, 23, 26, 35, and ending in sec. 36, breaking off with steep slopes. Big Bear Creek and Little Bear Creek are separated by a spur, known as Buck Ridge, about 10000 ft. above sea level, with wide, open top, extending easterly through secs. 18, 19, 20, and breaking off with steep slopes in sec. 21. Little Bear Creek and Cove Creek are separated by a spur, known as Trail Ridge, about 10000 ft. above sea level, with wide rolling top, extending southeasterly through sec. 30, breaking off with steep slopes in secs. 29 and 32.

Cove Creek, a stream of clear water about 10 lks. wide, in canyon, enters the township in NW. cor. of sec. 31, and flows southeasterly, leaving the township in SW. cor. of sec. 32. Little Bear Creek, a stream of clear water about 15 lks. wide, in canyon, enters the township in NW. cor. of sec. 19, flows easterly through secs. 19, 20, 29, 28, to junction with Big Bear Creek in SW. cor. of sec. 27. Big Bear Creek, a stream of clear water, about 15 lks. wide in canyon, enters the township in NW. cor. of sec. 18, flows easterly through secs. 18, 17, into sec. 16, thence southeasterly and southerly, through secs. 16, 22, 27, leaving the township in SW. cor. of sec. 34. Seely Creek a stream of clear water about 20 lks. wide, in canyon, enters the township in NE. cor. of sec. 5, flows easterly near N. bdy., through sec. 4, and leaves township in NW. cor. of sec. 3. Swasey Creek, a stream of clear water, about 10 lks. wide, heads in NW. cor. of sec. 15, flows easterly through secs. 15, 14, 13, leaving the township in SE. cor. of sec. 12. There are numerous other small streams of clear water and small springs in the township. The soil of the rolling tops of spurs and ridges, is a shallow sandy clay loam, rocky, on hardpan of gravel and rock, from 10 to 24 ins. deep, and may be classed as 2nd rate, while the soil of the slopes of the canyons is a rocky sandy clay loam, and may be classed as 3rd rate. Along the tops of the ridges and spurs, the soil supports an abundant growth of weeds and grass, and scattered brush, and on the slopes a medium growth of weeds and grass, and from a dense to scattered growth of sagebrush, service berry, choke cherry, oak, and deer browse. Throughout the township on the slopes, is found from a scattered to dense growth of spruce, Douglas fir, balsam, and aspen, and a few scattered limber pine timber. On the top of the spurs and ridges, are scattered clumps of spruce and balsam.

No part of the township is suitable for cultivation, the surface being broken and cut by canyons and draws, but is valuable and extensively used during the summer months for grazing of sheep and cattle, all parts of the township being accessible, and there being an abundant growth of brush, weeds, and grass, affording excellent forage. There are numerous trails through the township, and an old road along top of Wagon Road Ridge, and one through E. range and N. tier of secs. These roads are not passable

## GENERAL DESCRIPTION, T. 18 S., R. 5 E.

## Chains

by automobile.

There are no settlers located in the township, and no indications of valuable minerals, oil, oil shale, or coal were noted.

The mean magnetic declination was found to be  $16^{\circ}30'E$ .

1990年12月15日

10 S. 10. S. 10. is located within

# Blank

# Page

road along top of Wagon Road Ridge, section between S. range and N. tier of same.



# CERTIFICATE OF UNITED-STATES SURVEYOR

We, Ralph Ventry, Cadastral Engineer, Sidney R. Reese, Transitman  
and Kenneth Vincent, Transitman, survey corner upon lower the

premises of special instructions bearing date of the 10th day of July, 1936.

received from the district cadastral engineer for Utah with supplemental assignment instructions dated July 20 and Aug. 13, 1936, and assignment instructions dated June 19, 1936. I have surveyed the north boundary and

subdivisional lines, and dependently resurveyed the west boundary.

and portion of east boundary. T. 16 S., R. 1 E.

whereof I am the surveyor, in the State of Utah, which are represented in the foregoing field notes as having been executed by us and under our direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Lands of the United States, and in the specific manner described in the foregoing field notes.

*Ralph Ventry* Cadastral Engineer  
*Sidney R. Reese* Transitman  
*Kenneth C. Vincent* Transitman

## CERTIFICATE OF APPROVAL

OFFICE OF THE SUPERVISOR OF SURVEYS,

Denver, Colo., July 6, 1936.

The foregoing field notes of the survey of the north boundary and subdivisional lines, and portion of the west boundary, and portion of east boundary, T. 16 S., R. 1 E.

examined by me, Russell H. Allen, Assistant Supervisor, Sidney R. Reese, Transitman, and Kenneth C. Vincent, Transitman, under special instructions dated July 20, 1936, and assignment instructions dated Aug. 13, 1936, and supplemental assignment instructions dated Aug. 13, 1936, having been critically examined, and the correctness of the same is hereby certified by the engineer, the said field notes, and the survey thereon are hereby approved.

*Russell H. Allen*  
Acting Assistant Supervisor of Surveys.

## CERTIFICATE OF TRANSCRIPT

I hereby certify the foregoing transcript of the field notes of the above-described surveys is a true copy of the original field notes on file in the public survey office.

(U.S. Department of Surveys)